

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032921\
 Data File : VY004218.D
 Acq On : 29 Mar 2021 18:17
 Operator : SY/MD
 Sample : VSTDIC100
 Misc : 5.00g/5mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

Manual Integrations
 APPROVED

MMDadoda
 3/30/2021 7:22:56 PM

Quant Time: Mar 30 06:16:14 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032921S.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 30 06:12:49 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.801	168	201933	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	310044	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	274047	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	132300	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	179698	91.39	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 182.78%#			
35) Dibromofluoromethane	7.728	113	162879	94.09	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 188.18%#			
50) Toluene-d8	10.185	98	597210	88.51	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 177.02%#			
62) 4-Bromofluorobenzene	12.483	95	206065	83.73	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 167.46%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	169650	100.33	ug/l	99
3) Chloromethane	2.119	50	226502	100.61	ug/l	99
4) Vinyl Chloride	2.253	62	248484	99.39	ug/l	99
5) Bromomethane	2.649	94	144197	92.53	ug/l	99
6) Chloroethane	2.796	64	166548	108.87	ug/l	99
7) Trichlorofluoromethane	3.131	101	333808	101.19	ug/l	98
8) Diethyl Ether	3.539	74	108984	103.81	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.905	101	181083	98.88	ug/l	100
10) Methyl Iodide	4.100	142	217993	114.58	ug/l	100
11) Tert butyl alcohol	4.978	59	82081	465.72	ug/l	97
12) 1,1-Dichloroethene	3.881	96	176554	98.09	ug/l	96
13) Acrolein	3.741	56	59607	361.36	ug/l	97
14) Allyl chloride	4.490	41	287278	97.53	ug/l	99
15) Acrylonitrile	5.179	53	265391	512.30	ug/l	99
16) Acetone	3.960	43	195216	424.12	ug/l	99
17) Carbon Disulfide	4.204	76	487092	92.93	ug/l	100
18) Methyl Acetate	4.490	43	130798	108.52	ug/l	98
19) Methyl tert-butyl Ether	5.234	73	539298	105.58	ug/l	100
20) Methylene Chloride	4.728	84	190833	81.90	ug/l	99
21) trans-1,2-Dichloroethene	5.228	96	199654	98.74	ug/l	95
22) Diisopropyl ether	6.130	45	639295	102.59	ug/l	99
23) Vinyl Acetate	6.075	43	2217825	538.23	ug/l	100
24) 1,1-Dichloroethane	6.033	63	345462	99.77	ug/l	99
25) 2-Butanone	6.996	43	349584	507.41	ug/l	99
26) 2,2-Dichloropropane	6.996	77	321705	97.73	ug/l	99
27) cis-1,2-Dichloroethene	6.996	96	226431	98.80	ug/l	99
28) Bromochloromethane	7.344	49	127274	86.10	ug/l	99
29) Tetrahydrofuran	7.356	42	242558	534.36	ug/l	99
30) Chloroform	7.514	83	361445	100.51	ug/l	100
31) Cyclohexane	7.789	56	317700	90.62	ug/l	98
32) 1,1,1-Trichloroethane	7.709	97	334081	100.32	ug/l	99
36) 1,1-Dichloropropene	7.923	75	282155	102.33	ug/l	99
37) Ethyl Acetate	7.088	43	169190	113.49	ug/l	99
38) Carbon Tetrachloride	7.911	117	270137	94.81	ug/l	97
39) Methylcyclohexane	9.185	83	355675	100.32	ug/l	98
40) Benzene	8.167	78	798669	102.84	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032921\
 Data File : VY004218.D
 Acq On : 29 Mar 2021 18:17
 Operator : SY/MD
 Sample : VSTDIC100
 Misc : 5.00g/5mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

Manual Integrations
 APPROVED

MMDadoda
 3/30/2021 7:22:56 PM

Quant Time: Mar 30 06:16:14 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032921S.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 30 06:12:49 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.331	41	88568m	97.45	ug/l	
42) 1,2-Dichloroethane	8.246	62	254158	106.78	ug/l	100
43) Isopropyl Acetate	8.282	43	326331	109.64	ug/l	100
44) Trichloroethene	8.947	130	241905	106.00	ug/l	99
45) 1,2-Dichloropropane	9.221	63	196921	101.93	ug/l	98
46) Dibromomethane	9.313	93	117990	106.25	ug/l	98
47) Bromodichloromethane	9.502	83	281060	102.10	ug/l	99
48) Methyl methacrylate	9.301	41	150670	107.04	ug/l	97
49) 1,4-Dioxane	9.307	88	27529	1989.95	ug/l	95
51) 4-Methyl-2-Pentanone	10.075	43	850022	565.26	ug/l	100
52) Toluene	10.245	92	516794	102.74	ug/l	100
53) t-1,3-Dichloropropene	10.471	75	302600	104.23	ug/l	99
54) cis-1,3-Dichloropropene	9.935	75	335729	103.10	ug/l	100
55) 1,1,2-Trichloroethane	10.648	97	159465	103.00	ug/l	98
56) Ethyl methacrylate	10.514	69	232288	107.61	ug/l	99
57) 1,3-Dichloropropane	10.794	76	277973	104.59	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.788	63	405302	423.88	ug/l	100
59) 2-Hexanone	10.837	43	579828	551.66	ug/l	99
60) Dibromochloromethane	10.989	129	198441	102.66	ug/l	100
61) 1,2-Dibromoethane	11.093	107	158750	104.78	ug/l	99
64) Tetrachloroethene	10.721	164	248020	104.91	ug/l	99
65) Chlorobenzene	11.520	112	540643	102.14	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	198976	101.24	ug/l	99
67) Ethyl Benzene	11.593	91	999035	102.64	ug/l	100
68) m/p-Xylenes	11.703	106	765655	206.20	ug/l	100
69) o-Xylene	12.032	106	355462	101.63	ug/l	100
70) Styrene	12.044	104	605051	101.41	ug/l	99
71) Bromoform	12.209	173	118301	101.52	ug/l #	99
73) Isopropylbenzene	12.330	105	952468	102.26	ug/l	99
74) N-amyl acetate	12.148	43	296546	111.34	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.587	83	179980	110.73	ug/l	99
76) 1,2,3-Trichloropropane	12.635	75	127276m	100.77	ug/l	
77) Bromobenzene	12.611	156	220114	102.16	ug/l	97
78) n-propylbenzene	12.672	91	1109355	101.36	ug/l	99
79) 2-Chlorotoluene	12.757	91	604347	98.64	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	780239	99.34	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.379	75	69183	107.75	ug/l	96
82) 4-Chlorotoluene	12.855	91	639062	98.75	ug/l	99
83) tert-Butylbenzene	13.074	119	680931	101.04	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	782404	99.61	ug/l	100
85) sec-Butylbenzene	13.257	105	921061	99.00	ug/l	99
86) p-Isopropyltoluene	13.373	119	864517	100.07	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	413832	100.17	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	407824	98.82	ug/l	100
89) n-Butylbenzene	13.696	91	800039	97.76	ug/l	100
90) Hexachloroethane	13.964	117	82838	59.33	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	369768	100.78	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	32770	107.80	ug/l	99
93) 1,2,4-Trichlorobenzene	15.007	180	266055	106.07	ug/l	99
94) Hexachlorobutadiene	15.110	225	142281	101.98	ug/l	100
95) Naphthalene	15.238	128	582787	116.12	ug/l	100
96) 1,2,3-Trichlorobenzene	15.427	180	239775	112.77	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032921\
 Data File : VY004218.D
 Acq On : 29 Mar 2021 18:17
 Operator : SY/MD
 Sample : VSTDICC100
 Misc : 5.00g/5mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
ClientSampleId :
 VSTDICC100

Manual Integrations
APPROVED

MMDadoda
 3/30/2021 7:22:56 PM

Quant Time: Mar 30 06:16:14 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032921S.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 30 06:12:49 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032921\
Data File : VY004218.D
Acq On : 29 Mar 2021 18:17
Operator : SY/MD
Sample : VSTDIC100
Misc : 5.00g/5mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Manual Integrations
APPROVED

MMDadoda
3/30/2021 7:22:56 PM

Quant Time: Mar 30 06:16:14 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032921S.M
Quant Title : SW846 8260
QLast Update : Tue Mar 30 06:12:49 2021
Response via : Initial Calibration

