

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032521\
 Data File : VY004197.D
 Acq On : 25 Mar 2021 12:14
 Operator : SY/MD
 Sample : VY0325SBS01
 Misc : 5.00g/5mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0325SBS01

Manual Integrations
 APPROVED

MMDadoda
 3/26/2021 6:17:44 PM

Quant Time: Mar 26 01:12:24 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030821S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 08 12:28:55 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	194986	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	303242	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	276279	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	142231	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	95116	49.43	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	98.86%		
35) Dibromofluoromethane	7.728	113	87927	51.42	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	102.84%		
50) Toluene-d8	10.185	98	330666	49.32	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	98.64%		
62) 4-Bromofluorobenzene	12.483	95	120950	48.85	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	97.70%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	36855	24.81	ug/l	100
3) Chloromethane	2.119	50	44207	21.31	ug/l	100
4) Vinyl Chloride	2.253	62	50138	21.28	ug/l	99
5) Bromomethane	2.643	94	35407	23.52	ug/l	93
6) Chloroethane	2.796	64	30824	21.48	ug/l	94
7) Trichlorofluoromethane	3.131	101	68485	21.87	ug/l	100
8) Diethyl Ether	3.534	74	21965	21.88	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.912	101	37846	21.60	ug/l	97
10) Methyl Iodide	4.101	142	36703	20.50	ug/l	98
11) Tert butyl alcohol	4.966	59	26593	152.86	ug/l #	90
12) 1,1-Dichloroethene	3.881	96	35762	20.86	ug/l	98
13) Acrolein	3.741	56	12858	74.51	ug/l	98
14) Allyl chloride	4.491	41	54700	19.29	ug/l #	89
15) Acrylonitrile	5.173	53	54292	108.82	ug/l	99
16) Acetone	3.954	43	46031	99.11	ug/l	95
17) Carbon Disulfide	4.198	76	98109	19.46	ug/l	97
18) Methyl Acetate	4.491	43	23754	20.70	ug/l	93
19) Methyl tert-butyl Ether	5.228	73	107982	22.12	ug/l	96
20) Methylene Chloride	4.728	84	45844	21.70	ug/l	94
21) trans-1,2-Dichloroethene	5.234	96	40750	21.16	ug/l	92
22) Diisopropyl ether	6.125	45	121496	20.30	ug/l	92
23) Vinyl Acetate	6.070	43	406445	103.16	ug/l	96
24) 1,1-Dichloroethane	6.027	63	69172	20.82	ug/l	97
25) 2-Butanone	6.996	43	71719	107.12	ug/l	95
26) 2,2-Dichloropropane	6.990	77	64588	20.35	ug/l	99
27) cis-1,2-Dichloroethene	6.996	96	46924	21.40	ug/l	91
28) Bromochloromethane	7.344	49	29673	20.45	ug/l	87
29) Tetrahydrofuran	7.356	42	46334	106.53	ug/l	93
30) Chloroform	7.515	83	73684	21.40	ug/l	99
31) Cyclohexane	7.789	56	65332	19.36	ug/l #	84
32) 1,1,1-Trichloroethane	7.710	97	68085	21.31	ug/l	99
36) 1,1-Dichloropropene	7.923	75	56450	21.19	ug/l	97
37) Ethyl Acetate	7.082	43	32058	22.34	ug/l	97
38) Carbon Tetrachloride	7.905	117	61238	21.67	ug/l	100
39) Methylcyclohexane	9.185	83	71594	20.80	ug/l	94
40) Benzene	8.167	78	161270	21.49	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032521\
 Data File : VY004197.D
 Acq On : 25 Mar 2021 12:14
 Operator : SY/MD
 Sample : VY0325SBS01
 Misc : 5.00g/5mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0325SBS01

Manual Integrations
 APPROVED

MMDadoda
 3/26/2021 6:17:44 PM

Quant Time: Mar 26 01:12:24 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030821S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 08 12:28:55 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.326	41	17512m	19.69	ug/l	
42) 1,2-Dichloroethane	8.246	62	52015	22.68	ug/l	96
43) Isopropyl Acetate	8.277	43	60627	21.05	ug/l	97
44) Trichloroethene	8.941	130	49902	22.96	ug/l	98
45) 1,2-Dichloropropane	9.222	63	39516	21.09	ug/l	98
46) Dibromomethane	9.313	93	24082	22.48	ug/l	96
47) Bromodichloromethane	9.502	83	57974	21.68	ug/l	99
48) Methyl methacrylate	9.295	41	28601	20.90	ug/l	91
49) 1,4-Dioxane	9.301	88	6462	473.87	ug/l #	93
51) 4-Methyl-2-Pentanone	10.075	43	158931	108.98	ug/l	96
52) Toluene	10.246	92	105477	21.70	ug/l	96
53) t-1,3-Dichloropropene	10.465	75	59429	21.06	ug/l	96
54) cis-1,3-Dichloropropene	9.935	75	66868	21.15	ug/l	98
55) 1,1,2-Trichloroethane	10.648	97	33355	22.14	ug/l	99
56) Ethyl methacrylate	10.514	69	45566	21.64	ug/l	91
57) 1,3-Dichloropropane	10.794	76	58248	22.58	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.789	63	110398	124.76	ug/l	94
59) 2-Hexanone	10.837	43	111082	108.42	ug/l	98
60) Dibromochloromethane	10.990	129	42666	22.56	ug/l	98
61) 1,2-Dibromoethane	11.093	107	33678	22.96	ug/l	98
64) Tetrachloroethene	10.721	164	55807	24.13	ug/l	97
65) Chlorobenzene	11.520	112	117569	22.21	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	43423	21.92	ug/l	99
67) Ethyl Benzene	11.593	91	206563	21.25	ug/l	99
68) m/p-Xylenes	11.703	106	159305	42.97	ug/l	95
69) o-Xylene	12.032	106	76104	21.72	ug/l	92
70) Styrene	12.044	104	126304	21.05	ug/l	99
71) Bromoform	12.209	173	26275	22.17	ug/l #	98
73) Isopropylbenzene	12.331	105	204856	20.72	ug/l	98
74) N-amyl acetate	12.148	43	56130	19.83	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.587	83	34719	20.22	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	26968m	19.77	ug/l	
77) Bromobenzene	12.611	156	49505	21.68	ug/l	98
78) n-propylbenzene	12.672	91	240775	20.67	ug/l	97
79) 2-Chlorotoluene	12.757	91	134051	20.50	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	173838	20.74	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.380	75	13527	19.58	ug/l	96
82) 4-Chlorotoluene	12.855	91	142846	20.64	ug/l	97
83) tert-Butylbenzene	13.074	119	152987	21.21	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	176648	21.04	ug/l	97
85) sec-Butylbenzene	13.251	105	207993	20.91	ug/l	97
86) p-Isopropyltoluene	13.367	119	197446	21.41	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	97288	22.07	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	98174	22.31	ug/l	98
89) n-Butylbenzene	13.696	91	180872	20.61	ug/l	99
90) Hexachloroethane	13.965	117	33968	20.50	ug/l	86
91) 1,2-Dichlorobenzene	13.739	146	86875	22.22	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	6807	20.98	ug/l	91
93) 1,2,4-Trichlorobenzene	15.007	180	59130	22.30	ug/l	98
94) Hexachlorobutadiene	15.111	225	32819	22.08	ug/l	99
95) Naphthalene	15.239	128	118143	22.49	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	50972	22.86	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032521\
Data File : VY004197.D
Acq On : 25 Mar 2021 12:14
Operator : SY/MD
Sample : VY0325SBSD01
Misc : 5.00g/5mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0325SBSD01

Manual Integrations
APPROVED

MMDadoda
3/26/2021 6:17:44 PM

Quant Time: Mar 26 01:12:24 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030821S.M
Quant Title : SW846 8260
QLast Update : Mon Mar 08 12:28:55 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\VY032521\
Data File : VY004197.D
Acq On : 25 Mar 2021 12:14
Operator : SY/MD
Sample : VY0325SBSD01
Misc : 5.00g/5mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
Client Sample Id :
VY0325SBSD01

Manual Integrations
APPROVED

MMDadoda
3/26/2021 6:17:44 PM

Quant Time: Mar 26 01:12:24 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030821S.M
Quant Title : SW846 8260
QLast Update : Mon Mar 08 12:28:55 2021
Response via : Initial Calibration

