

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012821\
 Data File : VY003955.D
 Acq On : 28 Jan 2021 13:31
 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

SAM
 2/1/2021 3:35:40 PM

Quant Time: Jan 28 18:06:04 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y012821S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 28 18:02:38 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	123942	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	185546	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	172341	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	86448	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.155	65	126254	92.64	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	185.28%#
35) Dibromofluoromethane	7.734	113	106187	97.88	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	195.76%#
50) Toluene-d8	10.185	98	408699	96.00	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	192.00%#
62) 4-Bromofluorobenzene	12.483	95	148954	95.98	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	191.96%#

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.912	85	107981	87.89	ug/l	99
3) Chloromethane	2.119	50	134527	86.94	ug/l	99
4) Vinyl Chloride	2.259	62	144688	89.69	ug/l	98
5) Bromomethane	2.656	94	102826	89.48	ug/l	96
6) Chloroethane	2.802	64	92650	91.63	ug/l	100
7) Trichlorofluoromethane	3.137	101	207747	92.92	ug/l	95
8) Diethyl Ether	3.546	74	66210	94.67	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.918	101	110142	95.45	ug/l	97
10) Methyl Iodide	4.107	142	154164	107.99	ug/l	96
11) Tert butyl alcohol	4.978	59	59073	422.27	ug/l #	94
12) 1,1-Dichloroethene	3.887	96	106733	95.41	ug/l	98
13) Acrolein	3.747	56	62502	497.46	ug/l	98
14) Allyl chloride	4.497	41	203408	98.74	ug/l	98
15) Acrylonitrile	5.186	53	171991	483.20	ug/l	99
16) Acetone	3.966	43	158748	474.51	ug/l	99
17) Carbon Disulfide	4.210	76	354143	96.32	ug/l	97
18) Methyl Acetate	4.497	43	81325	97.52	ug/l	96
19) Methyl tert-butyl Ether	5.241	73	324787	95.08	ug/l	96
20) Methylene Chloride	4.735	84	122385	86.16	ug/l	94
21) trans-1,2-Dichloroethene	5.241	96	123533	95.95	ug/l	94
22) Diisopropyl ether	6.137	45	401195	97.89	ug/l	98
23) Vinyl Acetate	6.082	43	1383314	495.32	ug/l	97
24) 1,1-Dichloroethane	6.039	63	221364	97.44	ug/l	99
25) 2-Butanone	7.002	43	232861	488.51	ug/l	97
26) 2,2-Dichloropropane	7.002	77	202670	93.62	ug/l	99
27) cis-1,2-Dichloroethene	7.002	96	138400	96.87	ug/l	98
28) Bromochloromethane	7.350	49	104494	106.76	ug/l	88
29) Tetrahydrofuran	7.356	42	149857	493.24	ug/l	95
30) Chloroform	7.521	83	227984	95.47	ug/l	97
31) Cyclohexane	7.795	56	208141	90.95	ug/l	97
32) 1,1,1-Trichloroethane	7.716	97	209331	95.03	ug/l	97
36) 1,1-Dichloropropene	7.929	75	176300	93.95	ug/l	99
37) Ethyl Acetate	7.088	43	102668	96.72	ug/l	97
38) Carbon Tetrachloride	7.911	117	189258	93.34	ug/l	99
39) Methylcyclohexane	9.191	83	221308	98.94	ug/l	98
40) Benzene	8.173	78	499197	96.23	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012821\
 Data File : VY003955.D
 Acq On : 28 Jan 2021 13:31
 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

SAM
 2/1/2021 3:35:40 PM

Quant Time: Jan 28 18:06:04 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y012821S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 28 18:02:38 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	72634m	88.02	ug/l	
42) 1,2-Dichloroethane	8.246	62	166543	93.25	ug/l	99
43) Isopropyl Acetate	8.283	43	201181	97.43	ug/l	97
44) Trichloroethene	8.947	130	138016	96.28	ug/l	97
45) 1,2-Dichloropropane	9.222	63	125437	97.68	ug/l	98
46) Dibromomethane	9.313	93	70533	96.12	ug/l	95
47) Bromodichloromethane	9.502	83	182071	95.94	ug/l	98
48) Methyl methacrylate	9.301	41	98420	97.57	ug/l	96
49) 1,4-Dioxane	9.307	88	15363	1886.91	ug/l	88
51) 4-Methyl-2-Pentanone	10.075	43	519037	492.17	ug/l	96
52) Toluene	10.252	92	318216	97.18	ug/l	98
53) t-1,3-Dichloropropene	10.471	75	193623	96.87	ug/l	99
54) cis-1,3-Dichloropropene	9.935	75	213777	96.45	ug/l	95
55) 1,1,2-Trichloroethane	10.648	97	98990	97.33	ug/l	98
56) Ethyl methacrylate	10.514	69	145660	100.32	ug/l	95
57) 1,3-Dichloropropane	10.794	76	178135	97.77	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.789	63	308823	469.06	ug/l	98
59) 2-Hexanone	10.837	43	367838	497.61	ug/l	96
60) Dibromochloromethane	10.990	129	128644	97.04	ug/l	100
61) 1,2-Dibromoethane	11.093	107	99184	97.47	ug/l	97
64) Tetrachloroethene	10.721	164	147580	95.50	ug/l	99
65) Chlorobenzene	11.520	112	339184	97.09	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	133632	98.05	ug/l	98
67) Ethyl Benzene	11.593	91	641971	98.01	ug/l	99
68) m/p-Xylenes	11.703	106	471200	194.12	ug/l	100
69) o-Xylene	12.032	106	221916	98.27	ug/l	99
70) Styrene	12.044	104	386716	99.26	ug/l	98
71) Bromoform	12.209	173	86102	98.71	ug/l #	97
73) Isopropylbenzene	12.331	105	608817	98.39	ug/l	98
74) N-amyl acetate	12.142	43	186791	102.70	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.587	83	111814	99.64	ug/l	98
76) 1,2,3-Trichloropropane	12.636	75	82471m	75.57	ug/l	
77) Bromobenzene	12.611	156	150730	98.28	ug/l	98
78) n-propylbenzene	12.672	91	719576	97.74	ug/l	100
79) 2-Chlorotoluene	12.757	91	412885	97.93	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	513201	96.65	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	46008	100.97	ug/l	98
82) 4-Chlorotoluene	12.855	91	430410	96.52	ug/l	100
83) tert-Butylbenzene	13.075	119	426234	96.55	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	517504	97.23	ug/l	100
85) sec-Butylbenzene	13.257	105	593271	96.98	ug/l	99
86) p-Isopropyltoluene	13.373	119	556241	97.46	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	283931	98.23	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	275620	96.55	ug/l	100
89) n-Butylbenzene	13.696	91	505932	95.49	ug/l	99
90) Hexachloroethane	13.958	117	100754	96.43	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	247997	96.30	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	21576	93.28	ug/l	91
93) 1,2,4-Trichlorobenzene	15.007	180	167357	93.89	ug/l	99
94) Hexachlorobutadiene	15.111	225	102604	89.57	ug/l	99
95) Naphthalene	15.233	128	329232	98.41	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	146618	95.48	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012821\
Data File : VY003955.D
Acq On : 28 Jan 2021 13:31
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

SAM
2/1/2021 3:35:40 PM

Quant Time: Jan 28 18:06:04 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y012821S.M
Quant Title : SW846 8260
QLast Update : Thu Jan 28 18:02:38 2021
Response via : Initial Calibration

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

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

