

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY032620\
 Data File : VY002091.D
 Acq On : 26 Mar 2020 17:14
 Operator : SY/MD
 Sample : VSTDIC150
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

Manual Integrations
 APPROVED

apatel
 3/27/2020 4:15:20 PM

Quant Time: Mar 27 06:54:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y032620S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 04:05:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	169770	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	313986	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	278668	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	120961	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.16	65	273445	149.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	298.40%	
35) Dibromofluoromethane	7.74	113	258687	150.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	300.04%	
50) Toluene-d8	10.19	98	1043682	143.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	286.84%	
62) 4-Bromofluorobenzene	12.49	95	360251	142.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	284.08%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	143965	96.850	ug/l	99
3) Chloromethane	2.12	50	243530	117.989	ug/l	99
4) Vinyl Chloride	2.26	62	257629	122.727	ug/l	100
5) Bromomethane	2.65	94	150363	106.929	ug/l	98
6) Chloroethane	2.80	64	167883	125.728	ug/l	99
7) Trichlorofluoromethane	3.13	101	372309	129.589	ug/l	97
8) Diethyl Ether	3.54	74	165159	144.642	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.91	101	249301	134.276	ug/l	98
10) Methyl Iodide	4.11	142	320685	149.571	ug/l	100
11) Tert butyl alcohol	4.99	59	154987	702.658	ug/l	97
12) 1,1-Dichloroethene	3.88	96	257197	137.631	ug/l	97
13) Acrolein	3.74	56	217179	818.763	ug/l	99
14) Allyl chloride	4.49	41	466444	139.420	ug/l	99
15) Acrylonitrile	5.19	53	434341	711.348	ug/l	99
16) Acetone	3.97	43	341342	651.217	ug/l	99
17) Carbon Disulfide	4.21	76	853098	135.991	ug/l	99
18) Methyl Acetate	4.50	43	192051	142.662	ug/l	98
19) Methyl tert-butyl Ether	5.24	73	743304	145.881	ug/l	97
20) Methylene Chloride	4.74	84	299005	132.604	ug/l	98
21) trans-1,2-Dichloroethene	5.24	96	296949	139.375	ug/l	99
22) Diisopropyl ether	6.14	45	934895	136.167	ug/l	97
23) Vinyl Acetate	6.08	43	3161071	704.192	ug/l	98
24) 1,1-Dichloroethane	6.04	63	513696	138.630	ug/l	98
25) 2-Butanone	7.00	43	553680	694.295	ug/l	98
26) 2,2-Dichloropropane	7.00	77	417584	136.999	ug/l	99
27) cis-1,2-Dichloroethene	7.00	96	328416	141.553	ug/l	98
28) Bromochloromethane	7.35	49	246435	145.703	ug/l	96
29) Tetrahydrofuran	7.36	42	367798	692.908	ug/l	97
30) Chloroform	7.52	83	490042	140.831	ug/l	99
31) Cyclohexane	7.80	56	508601	128.376	ug/l	98
32) 1,1,1-Trichloroethane	7.72	97	410060	140.018	ug/l	99
36) 1,1-Dichloropropene	7.93	75	405924	135.499	ug/l	100
37) Ethyl Acetate	7.09	43	245111	141.166	ug/l	99
38) Carbon Tetrachloride	7.91	117	351593	137.004	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY032620\
 Data File : VY002091.D
 Acq On : 26 Mar 2020 17:14
 Operator : SY/MD
 Sample : VSTDIC150
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleID :
 VSTDIC150

Manual Integrations
 APPROVED

apatel
 3/27/2020 4:15:20 PM

Quant Time: Mar 27 06:54:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y032620S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 04:05:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	534432	134.272	ug/l	98
40) Benzene	8.17	78	1211987	136.283	ug/l	99
41) Methacrylonitrile	7.34	41	133041m	164.466	ug/l	
42) 1,2-Dichloroethane	8.25	62	320405	139.643	ug/l	100
43) Isopropyl Acetate	8.28	43	468008	141.818	ug/l	100
44) Trichloroethene	8.95	130	294990	136.041	ug/l	95
45) 1,2-Dichloropropane	9.23	63	311544	139.052	ug/l	99
46) Dibromomethane	9.31	93	161755	140.105	ug/l	99
47) Bromodichloromethane	9.50	83	388052	144.328	ug/l	97
48) Methyl methacrylate	9.30	41	209870	144.382	ug/l	98
49) 1,4-Dioxane	9.31	88	45080	2860.994	ug/l	95
51) 4-Methyl-2-Pentanone	10.08	43	1188207	699.415	ug/l	98
52) Toluene	10.25	92	741813	137.393	ug/l	98
53) t-1,3-Dichloropropene	10.47	75	430430	147.079	ug/l	99
54) cis-1,3-Dichloropropene	9.94	75	500833	143.756	ug/l	99
55) 1,1,2-Trichloroethane	10.65	97	236035	139.434	ug/l	97
56) Ethyl methacrylate	10.52	69	362339	147.141	ug/l	96
57) 1,3-Dichloropropane	10.80	76	421270	139.769	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.79	63	917559	873.909	ug/l	99
59) 2-Hexanone	10.84	43	819773	677.792	ug/l	97
60) Dibromochloromethane	10.99	129	260554	146.751	ug/l	99
61) 1,2-Dibromoethane	11.10	107	227921	142.507	ug/l	98
64) Tetrachloroethene	10.72	164	229456	131.842	ug/l	99
65) Chlorobenzene	11.52	112	751505	136.739	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.60	131	253536	140.447	ug/l	99
67) Ethyl Benzene	11.60	91	1380678	134.482	ug/l	100
68) m/p-Xylenes	11.70	106	1015522	268.015	ug/l	100
69) o-Xylene	12.03	106	480006	134.280	ug/l	100
70) Styrene	12.05	104	851489	138.974	ug/l	99
71) Bromoform	12.21	173	146843	150.252	ug/l #	99
73) Isopropylbenzene	12.33	105	1290902	140.218	ug/l	100
74) N-amyl acetate	12.15	43	404785	143.160	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.59	83	287126	145.045	ug/l	99
76) 1,2,3-Trichloropropane	12.64	75	193221m	133.266	ug/l	
77) Bromobenzene	12.61	156	274798	140.329	ug/l	99
78) n-propylbenzene	12.67	91	1570174	138.087	ug/l	100
79) 2-Chlorotoluene	12.76	91	876044	139.499	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	1044728	137.499	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	109027	154.252	ug/l	99
82) 4-Chlorotoluene	12.86	91	906968	138.515	ug/l	99
83) tert-Butylbenzene	13.08	119	890180	140.639	ug/l	99
84) 1,2,4-Trimethylbenzene	13.13	105	1029567	136.685	ug/l	99
85) sec-Butylbenzene	13.26	105	1278218	137.357	ug/l	100
86) p-Isopropyltoluene	13.38	119	1075371	133.897	ug/l	99
87) 1,3-Dichlorobenzene	13.37	146	504524	131.844	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	522080	134.588	ug/l	100
89) n-Butylbenzene	13.70	91	1120564	134.421	ug/l	100
90) Hexachloroethane	13.97	117	214549	141.642	ug/l	98
91) 1,2-Dichlorobenzene	13.74	146	480624	137.726	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	44737	144.555	ug/l	98

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY032620\
Data File : VY002091.D
Acq On : 26 Mar 2020 17:14
Operator : SY/MD
Sample : VSTDICC150
Misc : 5.00G/5ML/MSVOA Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

apatel
3/27/2020 4:15:20 PM

Quant Time: Mar 27 06:54:21 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y032620S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 27 04:05:22 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	304935	135.394	ug/l	99
94) Hexachlorobutadiene	15.12	225	145418	131.635	ug/l	100
95) Naphthalene	15.24	128	772597	144.602	ug/l	99
96) 1,2,3-Trichlorobenzene	15.43	180	277772	139.366	ug/l	99

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY032620\
Data File : VY002091.D
Acq On : 26 Mar 2020 17:14
Operator : SY/MD
Sample : VSTDICC150
Misc : 5.00G/5ML/MSVOA Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
Client Sample Id :
VSTDICC150

Manual Integrations
APPROVED

apatel
3/27/2020 4:15:20 PM

Quant Time: Mar 27 06:54:21 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y032620S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 27 04:05:22 2020
Response via : Initial Calibration

