

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY050420\
 Data File : VY002530.D
 Acq On : 04 May 2020 11:13
 Operator : SY/MD
 Sample : VY0504SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0504SBS01

Manual Integrations
 APPROVED

MMDadoda
 5/5/2020 11:28:59 AM

Quant Time: May 04 14:43:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y043020S.M
 Quant Title : SW846 8260
 QLast Update : Mon May 04 12:22:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	380637	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.69	114	565493	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.49	117	507517	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	267433	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.14	65	159310	49.78	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	99.56%	
35) Dibromofluoromethane	7.72	113	163300	50.49	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	100.98%	
50) Toluene-d8	10.18	98	627297	49.67	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	99.34%	
62) 4-Bromofluorobenzene	12.49	95	213612	49.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.70%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	49147	16.853	ug/l	100
3) Chloromethane	2.12	50	58294	18.903	ug/l	98
4) Vinyl Chloride	2.25	62	64947	18.239	ug/l	95
5) Bromomethane	2.63	94	43207	17.595	ug/l	99
6) Chloroethane	2.79	64	37917	17.833	ug/l	97
7) Trichlorofluoromethane	3.12	101	102808	18.628	ug/l	99
8) Diethyl Ether	3.54	74	35795	19.301	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.90	101	64140	19.016	ug/l	100
10) Methyl Iodide	4.10	142	78130	17.002	ug/l	100
11) Tert butyl alcohol	4.96	59	34817	105.739	ug/l	98
12) 1,1-Dichloroethene	3.88	96	60465	18.453	ug/l	97
13) Acrolein	3.74	56	19900	87.398	ug/l	96
14) Allyl chloride	4.49	41	91406	19.146	ug/l	99
15) Acrylonitrile	5.17	53	89312	102.117	ug/l	99
16) Acetone	3.95	43	71630	108.447	ug/l	95
17) Carbon Disulfide	4.19	76	172757	17.525	ug/l	99
18) Methyl Acetate	4.48	43	44214	20.034	ug/l	99
19) Methyl tert-butyl Ether	5.22	73	167557	19.600	ug/l	97
20) Methylene Chloride	4.72	84	77346	20.940	ug/l	97
21) trans-1,2-Dichloroethene	5.22	96	67136	18.746	ug/l	96
22) Diisopropyl ether	6.12	45	192422	19.919	ug/l	97
23) Vinyl Acetate	6.07	43	603488	99.337	ug/l	100
24) 1,1-Dichloroethane	6.02	63	109649	19.187	ug/l	99
25) 2-Butanone	7.00	43	110304	102.019	ug/l	100
26) 2,2-Dichloropropane	6.99	77	104861	19.304	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	76201	19.229	ug/l	98
28) Bromochloromethane	7.34	49	45792	19.557	ug/l	100
29) Tetrahydrofuran	7.35	42	73359	102.550	ug/l	99
30) Chloroform	7.51	83	114780	19.316	ug/l	97
31) Cyclohexane	7.79	56	104590	18.182	ug/l	93
32) 1,1,1-Trichloroethane	7.71	97	105823	19.160	ug/l	99
36) 1,1-Dichloropropene	7.92	75	88243	18.614	ug/l	99
37) Ethyl Acetate	7.08	43	50212	20.612	ug/l	100
38) Carbon Tetrachloride	7.90	117	97984	18.932	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY050420\
 Data File : VY002530.D
 Acq On : 04 May 2020 11:13
 Operator : SY/MD
 Sample : VY0504SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0504SBS01

Manual Integrations
 APPROVED

MMDadoda
 5/5/2020 11:28:59 AM

Quant Time: May 04 14:43:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y043020S.M
 Quant Title : SW846 8260
 QLast Update : Mon May 04 12:22:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	114293	18.254	ug/l	100
40) Benzene	8.16	78	260063	18.994	ug/l	100
41) Methacrylonitrile	7.33	41	31293m	23.891	ug/l	
42) 1,2-Dichloroethane	8.24	62	74286	19.343	ug/l	100
43) Isopropyl Acetate	8.28	43	92001	20.145	ug/l	98
44) Trichloroethene	8.94	130	82615	19.308	ug/l	97
45) 1,2-Dichloropropane	9.22	63	63598	19.246	ug/l	97
46) Dibromomethane	9.31	93	37980	19.976	ug/l	98
47) Bromodichloromethane	9.50	83	88730	19.193	ug/l	98
48) Methyl methacrylate	9.30	41	40674	19.679	ug/l	97
49) 1,4-Dioxane	9.30	88	11190	444.521	ug/l	94
51) 4-Methyl-2-Pentanone	10.07	43	244695	103.950	ug/l	100
52) Toluene	10.24	92	167895	19.080	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	95642	19.746	ug/l	100
54) cis-1,3-Dichloropropene	9.93	75	109836	19.615	ug/l	97
55) 1,1,2-Trichloroethane	10.64	97	54339	19.599	ug/l	97
56) Ethyl methacrylate	10.51	69	74274	20.137	ug/l	98
57) 1,3-Dichloropropane	10.79	76	93178	19.817	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	204258	105.013	ug/l	100
59) 2-Hexanone	10.83	43	169990	104.921	ug/l	99
60) Dibromochloromethane	10.99	129	70337	19.946	ug/l	99
61) 1,2-Dibromoethane	11.09	107	53371	19.441	ug/l	99
64) Tetrachloroethene	10.72	164	90522	20.075	ug/l	99
65) Chlorobenzene	11.52	112	185622	19.240	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	70995	19.824	ug/l	99
67) Ethyl Benzene	11.60	91	328463	19.382	ug/l	99
68) m/p-Xylenes	11.71	106	253583	38.672	ug/l	100
69) o-Xylene	12.03	106	119484	19.461	ug/l	99
70) Styrene	12.05	104	206811	19.704	ug/l	99
71) Bromoform	12.21	173	46802	21.055	ug/l #	100
73) Isopropylbenzene	12.33	105	330222	19.052	ug/l	100
74) N-amyl acetate	12.14	43	85143	20.421	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	53337	19.350	ug/l	99
76) 1,2,3-Trichloropropane	12.64	75	47820m	20.121	ug/l	
77) Bromobenzene	12.61	156	83242	19.223	ug/l	99
78) n-propylbenzene	12.67	91	385104	19.146	ug/l	100
79) 2-Chlorotoluene	12.76	91	211160	18.952	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	276546	19.249	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	23988	20.239	ug/l	95
82) 4-Chlorotoluene	12.86	91	223179	19.070	ug/l	99
83) tert-Butylbenzene	13.08	119	240228	19.070	ug/l	100
84) 1,2,4-Trimethylbenzene	13.13	105	278397	19.443	ug/l	98
85) sec-Butylbenzene	13.25	105	337030	19.280	ug/l	100
86) p-Isopropyltoluene	13.37	119	315581	19.267	ug/l	100
87) 1,3-Dichlorobenzene	13.37	146	159154	19.419	ug/l	100
88) 1,4-Dichlorobenzene	13.45	146	157807	19.445	ug/l	99
89) n-Butylbenzene	13.70	91	289610	19.423	ug/l	99
90) Hexachloroethane	13.97	117	56996	19.108	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	144494	19.758	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	10316	20.077	ug/l	100

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY050420\
Data File : VY002530.D
Acq On : 04 May 2020 11:13
Operator : SY/MD
Sample : VY0504SBS01
Misc : 5.00G/5ML/MSVOA Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0504SBS01

Manual Integrations
APPROVED

MMDadoda
5/5/2020 11:28:59 AM

Quant Time: May 04 14:43:27 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y043020S.M
Quant Title : SW846 8260
QLast Update : Mon May 04 12:22:08 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	105438	19.859	ug/l	99
94) Hexachlorobutadiene	15.12	225	63676	19.980	ug/l	99
95) Naphthalene	15.24	128	195765	20.212	ug/l	100
96) 1,2,3-Trichlorobenzene	15.43	180	91223	20.239	ug/l	98

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

