

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY111819\
 Data File : VY000718.D
 Acq On : 18 Nov 2019 11:01
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDADODA
 11/19/2019 12:21:40 PM

Quant Time: Nov 18 11:54:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y103019S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 30 13:30:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	238020	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	405447	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	373752	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	183929	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	132605	53.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.66%	
35) Dibromofluoromethane	7.72	113	121281	50.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.90%	
50) Toluene-d8	10.18	98	497881	55.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.26%	
62) 4-Bromofluorobenzene	12.48	95	179090	52.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.18%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	125544	53.581	ug/l	98
3) Chloromethane	2.12	50	164189	50.869	ug/l	100
4) Vinyl Chloride	2.26	62	159914	53.352	ug/l	99
5) Bromomethane	2.65	94	108378	60.298	ug/l	98
6) Chloroethane	2.79	64	100994	53.838	ug/l	97
7) Trichlorofluoromethane	3.13	101	216419	53.466	ug/l	95
8) Diethyl Ether	3.54	74	76547	53.221	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	3.91	101	127854	52.246	ug/l	98
10) Methyl Iodide	4.10	142	138791	43.530	ug/l	99
11) Tert butyl alcohol	4.96	59	60105	250.671	ug/l	98
12) 1,1-Dichloroethene	3.87	96	124390	52.318	ug/l	94
13) Acrolein	3.73	56	39411	188.697	ug/l	99
14) Allyl chloride	4.48	41	223366	57.776	ug/l	98
15) Acrylonitrile	5.17	53	204966	278.189	ug/l	99
16) Acetone	3.95	43	236760	348.748	ug/l	98
17) Carbon Disulfide	4.19	76	388995	51.874	ug/l	99
18) Methyl Acetate	4.48	43	114070	54.039	ug/l	97
19) Methyl tert-butyl Ether	5.22	73	366643	55.464	ug/l	100
20) Methylene Chloride	4.72	84	143969	49.492	ug/l	93
21) trans-1,2-Dichloroethene	5.22	96	143316	53.319	ug/l	94
22) Diisopropyl ether	6.12	45	494255	58.819	ug/l	97
23) Vinyl Acetate	6.07	43	1537031	289.763	ug/l	98
24) 1,1-Dichloroethane	6.02	63	254027	55.802	ug/l	97
25) 2-Butanone	7.00	43	322168	297.352	ug/l	98
26) 2,2-Dichloropropane	6.99	77	224404	53.941	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	162924	55.433	ug/l	98
28) Bromochloromethane	7.34	49	114359	54.667	ug/l	94
29) Tetrahydrofuran	7.36	42	184695	278.651	ug/l	99
30) Chloroform	7.52	83	259901	56.437	ug/l	97
31) Cyclohexane	7.79	56	248327	52.082	ug/l	98
32) 1,1,1-Trichloroethane	7.71	97	224798	54.773	ug/l	99
36) 1,1-Dichloropropene	7.93	75	207776	54.209	ug/l	97
37) Ethyl Acetate	7.08	43	124548	54.732	ug/l	99
38) Carbon Tetrachloride	7.91	117	197235	53.479	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY111819\
 Data File : VY000718.D
 Acq On : 18 Nov 2019 11:01
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDADODA
 11/19/2019 12:21:40 PM

Quant Time: Nov 18 11:54:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y103019S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 30 13:30:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	265849	53.687	ug/l	96
40) Benzene	8.17	78	602568	53.623	ug/l	100
41) Methacrylonitrile	7.32	41	63164m	49.756	ug/l	
42) 1,2-Dichloroethane	8.25	62	171187	53.712	ug/l	99
43) Isopropyl Acetate	8.28	43	230623	53.950	ug/l	100
44) Trichloroethene	8.94	130	156088	52.682	ug/l	97
45) 1,2-Dichloropropane	9.22	63	150227	54.318	ug/l	96
46) Dibromomethane	9.31	93	82184	54.032	ug/l	97
47) Bromodichloromethane	9.50	83	198803	55.084	ug/l	99
48) Methyl methacrylate	9.30	41	103862	55.608	ug/l	96
49) 1,4-Dioxane	9.30	88	21278	1039.441	ug/l	89
51) 4-Methyl-2-Pentanone	10.07	43	620983	273.227	ug/l	98
52) Toluene	10.24	92	387569	54.553	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	217037	56.281	ug/l	100
54) cis-1,3-Dichloropropene	9.93	75	247968	56.130	ug/l	99
55) 1,1,2-Trichloroethane	10.64	97	120120	54.601	ug/l	98
56) Ethyl methacrylate	10.51	69	180507	57.890	ug/l	97
57) 1,3-Dichloropropane	10.79	76	210765	54.738	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.78	63	385084	273.176	ug/l	98
59) 2-Hexanone	10.83	43	475563	287.188	ug/l	98
60) Dibromochloromethane	10.99	129	137232	54.459	ug/l	98
61) 1,2-Dibromoethane	11.09	107	115641	54.670	ug/l	99
64) Tetrachloroethene	10.72	164	154551	50.009	ug/l	98
65) Chlorobenzene	11.52	112	404511	53.381	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	139150	52.947	ug/l	99
67) Ethyl Benzene	11.59	91	759479	54.457	ug/l	99
68) m/p-Xylenes	11.70	106	574450	106.423	ug/l	97
69) o-Xylene	12.03	106	272742	53.763	ug/l	97
70) Styrene	12.04	104	473303	54.485	ug/l	99
71) Bromoform	12.21	173	82720	54.724	ug/l #	97
73) Isopropylbenzene	12.33	105	743790	54.715	ug/l	100
74) N-amyl acetate	12.14	43	218284	56.068	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	149813	55.660	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	111186m	53.090	ug/l	
77) Bromobenzene	12.61	156	163687	53.099	ug/l	96
78) n-propylbenzene	12.67	91	912986	55.663	ug/l	100
79) 2-Chlorotoluene	12.75	91	498908	54.791	ug/l	98
80) 1,3,5-Trimethylbenzene	12.81	105	616842	54.484	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	55391	59.301	ug/l	95
82) 4-Chlorotoluene	12.85	91	527492	55.886	ug/l	98
83) tert-Butylbenzene	13.08	119	523105	54.114	ug/l	98
84) 1,2,4-Trimethylbenzene	13.12	105	615614	54.612	ug/l	100
85) sec-Butylbenzene	13.25	105	770144	55.919	ug/l	100
86) p-Isopropyltoluene	13.37	119	674898	54.983	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	322643	53.436	ug/l	100
88) 1,4-Dichlorobenzene	13.44	146	323759	53.660	ug/l	100
89) n-Butylbenzene	13.70	91	687582	56.794	ug/l	99
90) Hexachloroethane	13.96	117	125816	55.445	ug/l	97
91) 1,2-Dichlorobenzene	13.74	146	296399	54.104	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	24037	50.460	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY111819\
Data File : VY000718.D
Acq On : 18 Nov 2019 11:01
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDADODA
11/19/2019 12:21:40 PM

Quant Time: Nov 18 11:54:53 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y103019S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 30 13:30:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	192796	51.686	ug/l	97
94) Hexachlorobutadiene	15.11	225	97938	50.934	ug/l	99
95) Naphthalene	15.23	128	443806	53.595	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	174520	52.149	ug/l	98

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

