

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY101819\
 Data File : VY000342.D
 Acq On : 18 Oct 2019 10:48
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Oct 19 00:59:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y101119S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 17 02:03:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	316899	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	523754	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	476498	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	237147	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.15	65	163227	48.83	ug/l	0.00
Spiked Amount			Recovery	=	97.66%	
35) Dibromofluoromethane	7.73	113	145211	45.96	ug/l	0.00
Spiked Amount			Recovery	=	91.92%	
50) Toluene-d8	10.18	98	584508	48.10	ug/l	0.00
Spiked Amount			Recovery	=	96.20%	
62) 4-Bromofluorobenzene	12.48	95	218540	47.33	ug/l	0.00
Spiked Amount			Recovery	=	94.66%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.90	85	108821	42.852	ug/l	98
3) Chloromethane	2.12	50	160380	41.416	ug/l	99
4) Vinyl Chloride	2.25	62	174430	44.633	ug/l	100
5) Bromomethane	2.65	94	118677	40.975	ug/l	95
6) Chloroethane	2.79	64	114860	45.550	ug/l	100
7) Trichlorofluoromethane	3.13	101	251777	47.098	ug/l	98
8) Diethyl Ether	3.53	74	93334	49.421	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.90	101	157598	48.611	ug/l	98
10) Methyl Iodide	4.09	142	216562	46.971	ug/l	99
11) Tert butyl alcohol	4.96	59	83144	237.673	ug/l	100
12) 1,1-Dichloroethene	3.87	96	153440	47.941	ug/l	96
13) Acrolein	3.74	56	98991	241.363	ug/l	96
14) Allyl chloride	4.48	41	266025	50.156	ug/l	98
15) Acrylonitrile	5.18	53	263253	249.046	ug/l	96
16) Acetone	3.96	43	257933	238.267	ug/l	96
17) Carbon Disulfide	4.19	76	446394	44.298	ug/l	100
18) Methyl Acetate	4.48	43	126336	46.971	ug/l	99
19) Methyl tert-butyl Ether	5.22	73	459471	51.569	ug/l	99
20) Methylene Chloride	4.72	84	176925	48.325	ug/l	94
21) trans-1,2-Dichloroethene	5.22	96	172458	46.965	ug/l	91
22) Diisopropyl ether	6.13	45	587101	52.336	ug/l	97
23) Vinyl Acetate	6.07	43	1930266	263.752	ug/l	99
24) 1,1-Dichloroethane	6.03	63	311193	50.822	ug/l	98
25) 2-Butanone	6.99	43	411632	269.931	ug/l	99
26) 2,2-Dichloropropane	6.99	77	278191	49.304	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	201858	50.802	ug/l	98
28) Bromochloromethane	7.35	49	134510	51.172	ug/l	99
29) Tetrahydrofuran	7.36	42	232810	251.910	ug/l	98
30) Chloroform	7.52	83	313268	50.802	ug/l	98
31) Cyclohexane	7.79	56	298394	46.658	ug/l	99
32) 1,1,1-Trichloroethane	7.71	97	273455	49.880	ug/l	99
36) 1,1-Dichloropropene	7.93	75	244442	47.669	ug/l	99
37) Ethyl Acetate	7.08	43	150307	49.503	ug/l	98
38) Carbon Tetrachloride	7.91	117	240054	48.349	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY101819\
 Data File : VY000342.D
 Acq On : 18 Oct 2019 10:48
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Oct 19 00:59:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y101119S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 17 02:03:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	318628	47.476	ug/l	98
40) Benzene	8.17	78	726100	48.998	ug/l	97
41) Methacrylonitrile	7.33	41	74019m	51.214	ug/l	
42) 1,2-Dichloroethane	8.24	62	206913	48.881	ug/l	100
43) Isopropyl Acetate	8.28	43	293073	50.763	ug/l	98
44) Trichloroethene	8.94	130	192504	46.297	ug/l	100
45) 1,2-Dichloropropane	9.22	63	186847	51.379	ug/l	97
46) Dibromomethane	9.31	93	103086	50.708	ug/l	95
47) Bromodichloromethane	9.50	83	245751	51.294	ug/l	99
48) Methyl methacrylate	9.30	41	128519	50.795	ug/l	97
49) 1,4-Dioxane	9.30	88	28423	932.467	ug/l	98
51) 4-Methyl-2-Pentanone	10.08	43	793399	266.445	ug/l	99
52) Toluene	10.25	92	468232	49.767	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	268937	52.377	ug/l	100
54) cis-1,3-Dichloropropene	9.93	75	302302	51.844	ug/l	97
55) 1,1,2-Trichloroethane	10.65	97	149511	50.582	ug/l	97
56) Ethyl methacrylate	10.51	69	228237	54.173	ug/l	99
57) 1,3-Dichloropropane	10.79	76	260806	51.377	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.79	63	436334	259.648	ug/l	98
59) 2-Hexanone	10.83	43	612709	293.147	ug/l	99
60) Dibromochloromethane	10.99	129	174254	53.188	ug/l	97
61) 1,2-Dibromoethane	11.09	107	142487	50.205	ug/l	99
64) Tetrachloroethene	10.72	164	208163	45.888	ug/l	96
65) Chlorobenzene	11.52	112	490757	48.801	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	174443	49.382	ug/l	97
67) Ethyl Benzene	11.60	91	917704	49.228	ug/l	100
68) m/p-Xylenes	11.70	106	693057	97.250	ug/l	97
69) o-Xylene	12.03	106	334232	49.163	ug/l	99
70) Styrene	12.05	104	577758	50.391	ug/l	99
71) Bromoform	12.21	173	106523	52.456	ug/l	99
73) Isopropylbenzene	12.33	105	893561	48.323	ug/l	100
74) N-amyl acetate	12.14	43	274701	60.513	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	174539	50.273	ug/l	98
76) 1,2,3-Trichloropropane	12.63	75	141900m	48.661	ug/l	
77) Bromobenzene	12.61	156	199096	48.386	ug/l	97
78) n-propylbenzene	12.67	91	1089913	49.092	ug/l	99
79) 2-Chlorotoluene	12.75	91	607770	49.569	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	758037	48.889	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	68950	51.734	ug/l	98
82) 4-Chlorotoluene	12.86	91	639419	49.336	ug/l	99
83) tert-Butylbenzene	13.08	119	634665	48.335	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	752148	49.150	ug/l	99
85) sec-Butylbenzene	13.25	105	938012	49.382	ug/l	100
86) p-Isopropyltoluene	13.37	119	820840	49.567	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	391699	48.316	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	396577	48.941	ug/l	98
89) n-Butylbenzene	13.70	91	822220	50.243	ug/l	99
90) Hexachloroethane	13.96	117	157660	51.414	ug/l	96
91) 1,2-Dichlorobenzene	13.74	146	363936	49.604	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	31886	48.425	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY101819\
Data File : VY000342.D
Acq On : 18 Oct 2019 10:48
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Quant Time: Oct 19 00:59:15 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y101119S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 17 02:03:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	248029	48.555	ug/l	98
94) Hexachlorobutadiene	15.11	225	126110	45.620	ug/l	99
95) Naphthalene	15.23	128	558606	49.003	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	220765	47.954	ug/l	99

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

