

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY120619\
 Data File : VY000894.D
 Acq On : 06 Dec 2019 12:02
 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

apatel
 12/9/2019 11:24:06 AM

Quant Time: Dec 09 03:17:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y112719S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 27 12:40:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	363310	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	632537	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	547429	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	252521	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	169906	44.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.02%	
35) Dibromofluoromethane	7.72	113	173802	47.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.30%	
50) Toluene-d8	10.18	98	733400	49.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.52%	
62) 4-Bromofluorobenzene	12.48	95	245329	44.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	176020	45.007	ug/l	95
3) Chloromethane	2.12	50	208268	43.201	ug/l	99
4) Vinyl Chloride	2.25	62	225137	47.385	ug/l	100
5) Bromomethane	2.65	94	123824	42.535	ug/l	98
6) Chloroethane	2.80	64	136932	47.006	ug/l	99
7) Trichlorofluoromethane	3.13	101	338355	51.964	ug/l	94
8) Diethyl Ether	3.54	74	121801	49.700	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.90	101	212978	52.966	ug/l	98
10) Methyl Iodide	4.10	142	282946	55.889	ug/l	98
11) Tert butyl alcohol	4.99	59	78353	201.736	ug/l	100
12) 1,1-Dichloroethene	3.88	96	213166	53.512	ug/l	92
13) Acrolein	3.74	56	73965	193.325	ug/l	100
14) Allyl chloride	4.48	41	345554	50.591	ug/l	97
15) Acrylonitrile	5.18	53	294406	232.644	ug/l	98
16) Acetone	3.96	43	185018	208.921	ug/l	99
17) Carbon Disulfide	4.19	76	659793	51.212	ug/l	100
18) Methyl Acetate	4.49	43	162820	43.971	ug/l	97
19) Methyl tert-butyl Ether	5.22	73	532494	50.053	ug/l	99
20) Methylene Chloride	4.72	84	240844	51.593	ug/l	98
21) trans-1,2-Dichloroethene	5.22	96	234528	51.798	ug/l	99
22) Diisopropyl ether	6.13	45	701903	49.998	ug/l	97
23) Vinyl Acetate	6.07	43	2052803	240.531	ug/l	98
24) 1,1-Dichloroethane	6.03	63	402304	51.995	ug/l	99
25) 2-Butanone	7.00	43	354410	216.643	ug/l	94
26) 2,2-Dichloropropane	6.99	77	340480	52.283	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	261463	53.423	ug/l	97
28) Bromochloromethane	7.34	49	145365	51.190	ug/l	99
29) Tetrahydrofuran	7.36	42	238554	220.059	ug/l	98
30) Chloroform	7.52	83	385018	49.603	ug/l	98
31) Cyclohexane	7.79	56	405097	49.422	ug/l	98
32) 1,1,1-Trichloroethane	7.71	97	336187	52.452	ug/l	98
36) 1,1-Dichloropropene	7.93	75	323567	51.447	ug/l	100
37) Ethyl Acetate	7.09	43	160106	44.088	ug/l	100
38) Carbon Tetrachloride	7.91	117	292872	52.289	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY120619\
 Data File : VY000894.D
 Acq On : 06 Dec 2019 12:02
 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

apatel
 12/9/2019 11:24:06 AM

Quant Time: Dec 09 03:17:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y112719S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 27 12:40:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.18	83	431888	51.831	ug/l	99
40) Benzene	8.17	78	951846	51.958	ug/l	98
41) Methacrylonitrile	7.33	41	90968m	47.527	ug/l	
42) 1,2-Dichloroethane	8.24	62	231828	48.118	ug/l	99
43) Isopropyl Acetate	8.28	43	308143	45.027	ug/l	96
44) Trichloroethene	8.94	130	249808	53.059	ug/l	93
45) 1,2-Dichloropropane	9.22	63	238532	51.837	ug/l	93
46) Dibromomethane	9.31	93	119988	49.906	ug/l	99
47) Bromodichloromethane	9.50	83	293345	51.937	ug/l	99
48) Methyl methacrylate	9.30	41	135866	45.148	ug/l	93
49) 1,4-Dioxane	9.31	88	30105	883.699	ug/l #	88
51) 4-Methyl-2-Pentanone	10.07	43	799745	226.178	ug/l	100
52) Toluene	10.24	92	589276	51.952	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	315989	52.074	ug/l	99
54) cis-1,3-Dichloropropene	9.93	75	375823	52.398	ug/l	94
55) 1,1,2-Trichloroethane	10.64	97	177243	49.897	ug/l	96
56) Ethyl methacrylate	10.51	69	259834	51.133	ug/l	97
57) 1,3-Dichloropropane	10.79	76	314603	50.816	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.78	63	446307	217.824	ug/l	99
59) 2-Hexanone	10.83	43	579296	224.835	ug/l	98
60) Dibromochloromethane	10.99	129	197336	51.605	ug/l	99
61) 1,2-Dibromoethane	11.09	107	171860	51.336	ug/l	100
64) Tetrachloroethene	10.72	164	252743	53.140	ug/l	96
65) Chlorobenzene	11.51	112	605877	53.245	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	209147	54.539	ug/l	99
67) Ethyl Benzene	11.59	91	1131452	53.390	ug/l	99
68) m/p-Xylenes	11.70	106	844884	106.216	ug/l	100
69) o-Xylene	12.03	106	395728	53.356	ug/l	99
70) Styrene	12.04	104	685310	53.963	ug/l	99
71) Bromoform	12.20	173	113576	52.513	ug/l #	98
73) Isopropylbenzene	12.33	105	1078511	53.640	ug/l	100
74) N-amyl acetate	12.14	43	269764	48.204	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.58	83	195562	49.363	ug/l	98
76) 1,2,3-Trichloropropane	12.63	75	165317m	57.782	ug/l	
77) Bromobenzene	12.61	156	228563	52.443	ug/l	98
78) n-propylbenzene	12.67	91	1318344	53.700	ug/l	100
79) 2-Chlorotoluene	12.75	91	720834	53.148	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	897575	53.916	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	74875	51.406	ug/l	96
82) 4-Chlorotoluene	12.85	91	755115	54.040	ug/l	99
83) tert-Butylbenzene	13.07	119	735111	52.522	ug/l	98
84) 1,2,4-Trimethylbenzene	13.11	105	884785	53.123	ug/l	99
85) sec-Butylbenzene	13.25	105	1091837	53.638	ug/l	99
86) p-Isopropyltoluene	13.36	119	950157	53.666	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	451925	52.858	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	446296	52.719	ug/l	99
89) n-Butylbenzene	13.69	91	958303	53.535	ug/l	99
90) Hexachloroethane	13.95	117	180296	55.281	ug/l	98
91) 1,2-Dichlorobenzene	13.74	146	406528	52.861	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.35	75	32389	48.834	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY120619\
Data File : VY000894.D
Acq On : 06 Dec 2019 12:02
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

apatel
12/9/2019 11:24:06 AM

Quant Time: Dec 09 03:17:55 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y112719S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 27 12:40:47 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	278674	53.551	ug/l	99
94) Hexachlorobutadiene	15.11	225	136989	53.095	ug/l	99
95) Naphthalene	15.23	128	624765	51.704	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	246861	53.108	ug/l	99

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

