

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF042619\
 Data File : VF062303.D
 Acq On : 26 Apr 2019 12:57
 Operator : FY/SY
 Sample : VSTDCCC050
 Misc : 5.00g/5mL/MSVOA F/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 4/29/2019 3:59:39 PM

Quant Time: Apr 27 00:50:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82F042419S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 25 08:40:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.08	168	413688	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	5.80	114	566893	50.00	ug/l	0.01
63) Chlorobenzene-d5	9.93	117	432941	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	12.62	152	230812	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.06	65	177230	52.89	ug/l	0.02
Spiked Amount	50.000		Recovery	=	105.78%	
35) Dibromofluoromethane	4.33	113	211633	50.35	ug/l	0.01
Spiked Amount	50.000		Recovery	=	100.70%	
50) Toluene-d8	7.74	98	473239	46.09	ug/l	0.01
Spiked Amount	50.000		Recovery	=	92.18%	
62) 4-Bromofluorobenzene	11.51	95	191809	45.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.66%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.01	85	246475	50.136	ug/l	98
3) Chloromethane	1.15	50	187644	45.308	ug/l	96
4) Vinyl Chloride	1.20	62	183463	46.773	ug/l	100
5) Bromomethane	1.40	94	136481	51.237	ug/l	96
6) Chloroethane	1.46	64	95186	55.358	ug/l	100
7) Trichlorofluoromethane	1.57	101	337011	54.070	ug/l	95
8) Diethyl Ether	1.72	74	56178	49.752	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	1.93	101	202996	51.897	ug/l	97
10) Methyl Iodide	2.01	142	343416m	50.228	ug/l	
11) Tert butyl alcohol	2.72	59	56577	279.115	ug/l	100
12) 1,1-Dichloroethene	1.89	96	180554	51.734	ug/l	98
13) Acrolein	2.11	56	55311	289.692	ug/l	98
14) Allyl chloride	2.22	41	182581	48.070	ug/l #	63
15) Acrylonitrile	3.10	53	143313	255.269	ug/l	93
16) Acetone	2.36	43	232329	309.665	ug/l	96
17) Carbon Disulfide	1.93	76	444013	48.340	ug/l	99
18) Methyl Acetate	2.48	43	76152	54.877	ug/l	97
19) Methyl tert-butyl Ether	2.57	73	355651	53.453	ug/l	100
20) Methylene Chloride	2.36	84	160036m	49.955	ug/l	
21) trans-1,2-Dichloroethene	2.44	96	169950	49.274	ug/l	95
22) Diisopropyl ether	2.95	45	512140	50.086	ug/l	95
23) Vinyl Acetate	3.37	43	1141504	251.749	ug/l	98
24) 1,1-Dichloroethane	3.03	63	300200	51.438	ug/l	99
25) 2-Butanone	4.55	43	295331	248.256	ug/l	98
26) 2,2-Dichloropropane	3.80	77	162355	53.570	ug/l	96
27) cis-1,2-Dichloroethene	3.66	96	209248	47.907	ug/l	96
28) Bromochloromethane	3.93	49	109911	44.691	ug/l #	97
29) Tetrahydrofuran	4.30	42	124129	237.470	ug/l	98
30) Chloroform	4.08	83	375781	51.277	ug/l	99
31) Cyclohexane	3.90	56	262520	47.273	ug/l	95
32) 1,1,1-Trichloroethane	4.31	97	253042	43.979	ug/l #	85
36) 1,1-Dichloropropene	4.50	75	271717	51.953	ug/l	99
37) Ethyl Acetate	4.33	43	109035	49.555	ug/l	94
38) Carbon Tetrachloride	4.22	117	262551	49.381	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF042619\
 Data File : VF062303.D
 Acq On : 26 Apr 2019 12:57
 Operator : FY/SY
 Sample : VSTDCCC050
 Misc : 5.00g/5mL/MSVOA F/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 4/29/2019 3:59:39 PM

Quant Time: Apr 27 00:50:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82F042419S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 25 08:40:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	5.66	83	315652	51.701	ug/l	99
40) Benzene	4.85	78	636380	50.362	ug/l	99
41) Methacrylonitrile	4.96	41	66379	54.304	ug/l	95
42) 1,2-Dichloroethane	5.15	62	233730	58.386	ug/l	98
43) Isopropyl Acetate	7.13	43	111102	49.273	ug/l #	99
44) Trichloroethene	5.71	130	218008	50.994	ug/l	97
45) 1,2-Dichloropropane	6.43	63	148218	52.024	ug/l	97
46) Dibromomethane	6.29	93	120659	58.652	ug/l	99
47) Bromodichloromethane	6.58	83	277783	57.438	ug/l	96
48) Methyl methacrylate	6.90	41	81808	50.749	ug/l	93
49) 1,4-Dioxane	6.90	88	18942	1020.456	ug/l	95
51) 4-Methyl-2-Pentanone	8.43	43	410596	236.840	ug/l	100
52) Toluene	7.80	92	339029	46.497	ug/l	97
53) t-1,3-Dichloropropene	8.44	75	184693	51.935	ug/l	96
54) cis-1,3-Dichloropropene	7.48	75	228953	50.255	ug/l	93
55) 1,1,2-Trichloroethane	8.66	97	105330	50.863	ug/l	94
56) Ethyl methacrylate	8.78	69	102594	45.096	ug/l	96
57) 1,3-Dichloropropane	9.02	76	171353	52.627	ug/l	97
58) 2-Chloroethyl Vinyl ether	7.47	63	155302	224.336	ug/l	98
59) 2-Hexanone	9.65	43	279593	265.062	ug/l	99
60) Dibromochloromethane	8.88	129	175656	52.263	ug/l	97
61) 1,2-Dibromoethane	9.15	107	125367	52.307	ug/l	95
64) Tetrachloroethene	8.33	164	179802	49.652	ug/l	97
65) Chlorobenzene	9.95	112	410549	51.893	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.08	131	204537	54.887	ug/l	100
67) Ethyl Benzene	10.05	91	721805	52.479	ug/l	99
68) m/p-Xylenes	10.28	106	534089	104.298	ug/l	99
69) o-Xylene	10.84	106	276687	48.363	ug/l	97
70) Styrene	10.91	104	386039	46.677	ug/l	99
71) Bromoform	10.90	173	104227	49.688	ug/l #	100
73) Isopropylbenzene	11.23	105	834891	52.795	ug/l	97
74) N-amyl acetate	11.46	43	153929	42.245	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.79	83	128840	51.281	ug/l	98
76) 1,2,3-Trichloropropane	11.89	75	91867	51.536	ug/l #	100
77) Bromobenzene	11.60	156	206746	52.296	ug/l	97
78) n-propylbenzene	11.69	91	827013	49.701	ug/l	100
79) 2-Chlorotoluene	11.82	91	522171	52.098	ug/l	99
80) 1,3,5-Trimethylbenzene	11.91	105	716744	53.688	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.95	75	37820m	47.465	ug/l	
82) 4-Chlorotoluene	11.98	91	502068	50.624	ug/l	97
83) tert-Butylbenzene	12.21	119	740056	54.016	ug/l	100
84) 1,2,4-Trimethylbenzene	12.28	105	665977	51.507	ug/l	99
85) sec-Butylbenzene	12.39	105	916504	53.708	ug/l	99
86) p-Isopropyltoluene	12.54	119	806621	52.723	ug/l	99
87) 1,3-Dichlorobenzene	12.56	146	348497	49.827	ug/l	100
88) 1,4-Dichlorobenzene	12.64	146	351442	52.996	ug/l	99
89) n-Butylbenzene	12.91	91	711928	51.213	ug/l	99
90) Hexachloroethane	12.99	117	216283	56.396	ug/l	97
91) 1,2-Dichlorobenzene	13.01	146	341940	50.932	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.70	75	26624	52.529	ug/l	94

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF042619\
Data File : VF062303.D
Acq On : 26 Apr 2019 12:57
Operator : FY/SY
Sample : VSTDCCC050
Misc : 5.00g/5mL/MSVOA F/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda
4/29/2019 3:59:39 PM

Quant Time: Apr 27 00:50:22 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82F042419S.M
Quant Title : SW846 8260
QLast Update : Thu Apr 25 08:40:59 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.25	180	308704	52.340	ug/l	99
94) Hexachlorobutadiene	14.24	225	234827	55.361	ug/l	99
95) Naphthalene	14.51	128	474639	51.944	ug/l	100
96) 1,2,3-Trichlorobenzene	14.66	180	306597	54.963	ug/l	99

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF042619\
 Data File : VF062303.D
 Acq On : 26 Apr 2019 12:57
 Operator : FY/SY
 Sample : VSTDCCC050
 Misc : 5.00µ/5mL/MSVOA F/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_F
 Client Sample Id :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 4/29/2019 3:59:39 PM

Quant Time: Apr 27 00:50:22 2019
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82F042419S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 25 08:40:59 2019
 Response via : Initial Calibration

