

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF051219\
 Data File : VF062516.D
 Acq On : 12 May 2019 22:16
 Operator : FY/SY
 Sample : VSTDCCC050
 Misc : 5.00µ/5mL/MSVOA F/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 5/13/2019 12:24:03 PM

Quant Time: May 13 06:51:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82F050619S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 07 04:34:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.07	168	298936	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	5.79	114	395425	50.00	ug/l	0.02
63) Chlorobenzene-d5	9.93	117	339755	50.00	ug/l	0.03
72) 1,4-Dichlorobenzene-d4	12.62	152	224480	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.05	65	145395	51.47	ug/l	0.03
Spiked Amount	50.000		Recovery	=	102.94%	
35) Dibromofluoromethane	4.33	113	169452	53.79	ug/l	0.03
Spiked Amount	50.000		Recovery	=	107.58%	
50) Toluene-d8	7.73	98	385801	50.59	ug/l	0.03
Spiked Amount	50.000		Recovery	=	101.18%	
62) 4-Bromofluorobenzene	11.51	95	175315	50.96	ug/l	0.02
Spiked Amount	50.000		Recovery	=	101.92%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.02	85	160141	46.288	ug/l	99
3) Chloromethane	1.15	50	102992	45.137	ug/l	99
4) Vinyl Chloride	1.20	62	107819	47.373	ug/l	97
5) Bromomethane	1.39	94	89904	52.475	ug/l	96
6) Chloroethane	1.45	64	62005	54.188	ug/l	91
7) Trichlorofluoromethane	1.56	101	267375	56.621	ug/l	99
8) Diethyl Ether	1.72	74	34133	47.771	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	1.92	101	149921	55.609	ug/l	99
10) Methyl Iodide	1.99	142	241498	54.357	ug/l	98
11) Tert butyl alcohol	2.70	59	30106	188.557	ug/l	99
12) 1,1-Dichloroethene	1.88	96	114926	50.144	ug/l	98
13) Acrolein	2.11	56	26898	274.623	ug/l	99
14) Allyl chloride	2.21	41	164875	81.437	ug/l	98
15) Acrylonitrile	3.10	53	75312	249.009	ug/l	99
16) Acetone	2.36	43	126280	220.966	ug/l	96
17) Carbon Disulfide	1.93	76	227598	45.543	ug/l #	89
18) Methyl Acetate	2.48	43	49179	46.999	ug/l	96
19) Methyl tert-butyl Ether	2.56	73	230174	48.651	ug/l	97
20) Methylene Chloride	2.30	84	103490m	50.052	ug/l	
21) trans-1,2-Dichloroethene	2.44	96	110286	50.506	ug/l	90
22) Diisopropyl ether	2.95	45	320691	50.681	ug/l	99
23) Vinyl Acetate	3.36	43	685555	243.090	ug/l	100
24) 1,1-Dichloroethane	3.03	63	209929	54.893	ug/l	97
25) 2-Butanone	4.54	43	156657	218.192	ug/l	95
26) 2,2-Dichloropropane	3.80	77	139597	65.365	ug/l	94
27) cis-1,2-Dichloroethene	3.67	96	147693	54.109	ug/l	97
28) Bromochloromethane	3.93	49	92111	53.108	ug/l #	95
29) Tetrahydrofuran	4.28	42	70555	213.816	ug/l	97
30) Chloroform	4.07	83	285928	55.341	ug/l	94
31) Cyclohexane	3.90	56	147697	48.386	ug/l	98
32) 1,1,1-Trichloroethane	4.31	97	256536	57.934	ug/l	99
36) 1,1-Dichloropropene	4.50	75	174884	51.484	ug/l	98
37) Ethyl Acetate	4.32	43	65986	49.872	ug/l #	97
38) Carbon Tetrachloride	4.21	117	221979m	63.768	ug/l	

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF051219\
 Data File : VF062516.D
 Acq On : 12 May 2019 22:16
 Operator : FY/SY
 Sample : VSTDCCC050
 Misc : 5.00µl/5mL/MSVOA F/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleID :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 5/13/2019 12:24:03 PM

Quant Time: May 13 06:51:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82F050619S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 07 04:34:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	5.66	83	170008	49.904	ug/l	98
40) Benzene	4.84	78	364524	48.733	ug/l	100
41) Methacrylonitrile	4.94	41	36929	45.340	ug/l	95
42) 1,2-Dichloroethane	5.15	62	170120	54.379	ug/l	99
43) Isopropyl Acetate	7.13	43	65004	42.072	ug/l #	98
44) Trichloroethene	5.71	130	148220	53.942	ug/l	99
45) 1,2-Dichloropropane	6.43	63	90514	53.424	ug/l	97
46) Dibromomethane	6.28	93	78381	55.797	ug/l	99
47) Bromodichloromethane	6.57	83	203145	57.842	ug/l	95
48) Methyl methacrylate	6.89	41	48822	44.714	ug/l	88
49) 1,4-Dioxane	6.89	88	8927	792.231	ug/l	98
51) 4-Methyl-2-Pentanone	8.42	43	295183	252.130	ug/l	99
52) Toluene	7.80	92	243932	52.862	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	135222	50.906	ug/l	97
54) cis-1,3-Dichloropropene	7.47	75	157462	50.934	ug/l	91
55) 1,1,2-Trichloroethane	8.65	97	80192	54.743	ug/l	89
56) Ethyl methacrylate	8.78	69	72666	46.993	ug/l	99
57) 1,3-Dichloropropane	9.01	76	116500	52.650	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.46	63	85961	184.904	ug/l	96
59) 2-Hexanone	9.63	43	193806	239.357	ug/l	99
60) Dibromochloromethane	8.87	129	134646	56.200	ug/l	99
61) 1,2-Dibromoethane	9.15	107	87853	51.027	ug/l	100
64) Tetrachloroethene	8.32	164	154297	55.941	ug/l	98
65) Chlorobenzene	9.95	112	310996	55.323	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.08	131	157727	55.619	ug/l	99
67) Ethyl Benzene	10.05	91	529524	53.793	ug/l	100
68) m/p-Xylenes	10.27	106	402462	110.812	ug/l	99
69) o-Xylene	10.83	106	219834	56.014	ug/l	98
70) Styrene	10.91	104	318725	54.188	ug/l	99
71) Bromoform	10.90	173	78670	50.636	ug/l #	95
73) Isopropylbenzene	11.23	105	710404	53.382	ug/l	99
74) N-amyl acetate	11.46	43	129605	45.363	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.78	83	103204	49.529	ug/l	99
76) 1,2,3-Trichloropropane	11.88	75	79692	50.129	ug/l #	100
77) Bromobenzene	11.60	156	175851	50.349	ug/l	95
78) n-propylbenzene	11.68	91	710549	50.150	ug/l	99
79) 2-Chlorotoluene	11.80	91	444515	50.454	ug/l	100
80) 1,3,5-Trimethylbenzene	11.90	105	594456	50.963	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.95	75	27701m	46.357	ug/l	
82) 4-Chlorotoluene	11.98	91	446481	51.310	ug/l	100
83) tert-Butylbenzene	12.21	119	619470	50.533	ug/l	100
84) 1,2,4-Trimethylbenzene	12.28	105	590234	51.707	ug/l	97
85) sec-Butylbenzene	12.37	105	791704	53.059	ug/l	99
86) p-Isopropyltoluene	12.53	119	725926	52.364	ug/l	99
87) 1,3-Dichlorobenzene	12.55	146	325085	50.964	ug/l	99
88) 1,4-Dichlorobenzene	12.63	146	324949	52.781	ug/l	99
89) n-Butylbenzene	12.91	91	645980	52.375	ug/l	99
90) Hexachloroethane	12.98	117	180091	52.028	ug/l	97
91) 1,2-Dichlorobenzene	13.00	146	318232	51.543	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.69	75	21547	46.157	ug/l	97

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF051219\
Data File : VF062516.D
Acq On : 12 May 2019 22:16
Operator : FY/SY
Sample : VSTDCCC050
Misc : 5.00g/5mL/MSVOA F/SOIL
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda
5/13/2019 12:24:03 PM

Quant Time: May 13 06:51:44 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82F050619S.M
Quant Title : SW846 8260
QLast Update : Tue May 07 04:34:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.25	180	283760	51.240	ug/l	99
94) Hexachlorobutadiene	14.24	225	223920	54.250	ug/l	96
95) Naphthalene	14.50	128	427520	51.349	ug/l	99
96) 1,2,3-Trichlorobenzene	14.64	180	277961	51.809	ug/l	98

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

