

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF100318\
 Data File : VF060417.D
 Acq On : 3 Oct 2018 15:41
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 5.00/5mL/MSVOA F/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

apatel
 10/4/2018 2:02:24 PM

Quant Time: Oct 04 05:33:49 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F100118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 02 11:42:56 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.02	168	304439	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.75	114	486530	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.90	117	434281	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.62	152	227555	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.00	65	214370	45.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.00%	
35) Dibromofluoromethane	4.27	113	208545	45.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.26%	
50) Toluene-d8	7.69	98	564550	50.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.30%	
62) 4-Bromofluorobenzene	11.50	95	239010	46.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	0.99	85	272943	40.659	ug/l	94
3) Chloromethane	1.13	50	185316	44.827	ug/l	100
4) Vinyl Chloride	1.18	62	193118	44.906	ug/l	97
5) Bromomethane	1.36	94	149706	44.943	ug/l	99
6) Chloroethane	1.42	64	95994	44.731	ug/l	96
7) Trichlorofluoromethane	1.53	101	422950	42.390	ug/l	98
8) Diethyl Ether	1.70	74	59659	43.630	ug/l	88
9) 1,1,2-Trichlorotrifluoroet	1.89	101	199119	41.663	ug/l	94
10) Methyl Iodide	1.96	142	318306	43.673	ug/l	95
11) Tert butyl alcohol	2.68	59	56584	196.372	ug/l #	81
12) 1,1-Dichloroethene	1.85	96	156012	42.248	ug/l	93
13) Acrolein	2.08	56	51858	223.786	ug/l	92
14) Allyl chloride	2.18	41	273813	46.275	ug/l	86
15) Acrylonitrile	3.06	53	109979	222.747	ug/l #	88
16) Acetone	2.33	43	238330	242.143	ug/l #	90
17) Carbon Disulfide	1.89	76	489366	43.763	ug/l	95
18) Methyl Acetate	2.44	43	83599	46.572	ug/l #	87
19) Methyl tert-butyl Ether	2.53	73	380680	42.324	ug/l	98
20) Methylene Chloride	2.27	84	175303m	50.472	ug/l	
21) trans-1,2-Dichloroethene	2.41	96	163641	44.370	ug/l	88
22) Diisopropyl ether	2.91	45	512766	47.742	ug/l	93
23) Vinyl Acetate	3.32	43	952499	223.255	ug/l	97
24) 1,1-Dichloroethane	2.99	63	331263	45.609	ug/l	99
25) 2-Butanone	4.49	43	274640	222.652	ug/l	95
26) 2,2-Dichloropropane	3.75	77	185276	45.040	ug/l	97
27) cis-1,2-Dichloroethene	3.61	96	186940	45.334	ug/l	90
28) Bromochloromethane	3.87	49	123665	46.199	ug/l	93
29) Tetrahydrofuran	4.23	42	104072	223.489	ug/l	97
30) Chloroform	4.02	83	385578	43.023	ug/l	91
31) Cyclohexane	3.85	56	250612	48.052	ug/l	93
32) 1,1,1-Trichloroethane	4.26	97	331626	44.467	ug/l	99
36) 1,1-Dichloropropene	4.44	75	291748	48.637	ug/l	99
37) Ethyl Acetate	4.26	43	97707	42.535	ug/l	81
38) Carbon Tetrachloride	4.15	117	358642	49.118	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF100318\
 Data File : VF060417.D
 Acq On : 3 Oct 2018 15:41
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 5.00/5mL/MSVOA F/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

apatel
 10/4/2018 2:02:24 PM

Quant Time: Oct 04 05:33:49 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F100118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 02 11:42:56 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	5.60	83	284327	48.350	ug/l	92
40) Benzene	4.79	78	593582	49.846	ug/l	99
41) Methacrylonitrile	4.90	41	55808	45.821	ug/l	94
42) 1,2-Dichloroethane	5.10	62	243050	42.782	ug/l	97
43) Isopropyl Acetate	7.09	43	127969	46.099	ug/l #	94
44) Trichloroethene	5.65	130	183456	48.014	ug/l	93
45) 1,2-Dichloropropane	6.38	63	155378	48.995	ug/l	96
46) Dibromomethane	6.23	93	119365	46.815	ug/l	98
47) Bromodichloromethane	6.53	83	301410	47.731	ug/l	96
48) Methyl methacrylate	6.85	41	88469	44.397	ug/l	96
49) 1,4-Dioxane	6.84	88	16532	962.209	ug/l #	85
51) 4-Methyl-2-Pentanone	8.38	43	450693	228.077	ug/l	96
52) Toluene	7.76	92	398377	49.253	ug/l	98
53) t-1,3-Dichloropropene	8.41	75	237335	47.958	ug/l	100
54) cis-1,3-Dichloropropene	7.44	75	279114	48.258	ug/l	97
55) 1,1,2-Trichloroethane	8.62	97	121245	47.292	ug/l	91
56) Ethyl methacrylate	8.75	69	141637	48.618	ug/l	94
57) 1,3-Dichloropropane	8.98	76	212911	49.089	ug/l	97
58) 2-Chloroethyl Vinyl ether	7.76	63	67444	226.643	ug/l	100
59) 2-Hexanone	9.61	43	346588	239.124	ug/l	100
60) Dibromochloromethane	8.85	129	185323	48.009	ug/l	98
61) 1,2-Dibromoethane	9.12	107	139738	49.812	ug/l	96
64) Tetrachloroethene	8.28	164	170245	49.314	ug/l	94
65) Chlorobenzene	9.93	112	435888	48.861	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.06	131	179501	46.083	ug/l	90
67) Ethyl Benzene	10.02	91	814671	48.029	ug/l	99
68) m/p-Xylenes	10.26	106	575510	98.698	ug/l	92
69) o-Xylene	10.82	106	310256	48.814	ug/l	96
70) Styrene	10.89	104	434167	48.024	ug/l	99
71) Bromoform	10.88	173	95376	45.990	ug/l	97
73) Isopropylbenzene	11.21	105	941645	52.556	ug/l	99
74) N-amyl acetate	11.45	43	192648	46.849	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.77	83	164325	50.305	ug/l	97
76) 1,2,3-Trichloropropane	11.87	75	111984	46.566	ug/l	96
77) Bromobenzene	11.59	156	190840	47.649	ug/l	93
78) n-propylbenzene	11.67	91	1081301	49.782	ug/l	98
79) 2-Chlorotoluene	11.80	91	621608	48.923	ug/l	92
80) 1,3,5-Trimethylbenzene	11.90	105	737618	48.456	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.95	75	57963m	54.374	ug/l	
82) 4-Chlorotoluene	11.98	91	612208	47.092	ug/l	97
83) tert-Butylbenzene	12.21	119	766513	51.052	ug/l	92
84) 1,2,4-Trimethylbenzene	12.28	105	753548	49.915	ug/l	97
85) sec-Butylbenzene	12.37	105	993114	47.920	ug/l	98
86) p-Isopropyltoluene	12.53	119	833180	49.209	ug/l	96
87) 1,3-Dichlorobenzene	12.55	146	369203	48.988	ug/l	99
88) 1,4-Dichlorobenzene	12.64	146	354448	47.695	ug/l	99
89) n-Butylbenzene	12.91	91	859737	47.986	ug/l	98
90) Hexachloroethane	12.99	117	219222	50.096	ug/l	82
91) 1,2-Dichlorobenzene	13.02	146	364516	50.479	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.71	75	30889	48.778	ug/l	93

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF100318\
Data File : VF060417.D
Acq On : 3 Oct 2018 15:41
Operator : VA/AP
Sample : VSTDCCC050
Misc : 5.00/5mL/MSVOA F/SOIL
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

apatel
10/4/2018 2:02:24 PM

Quant Time: Oct 04 05:33:49 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F100118S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 02 11:42:56 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.26	180	268021	49.658	ug/l	96
94) Hexachlorobutadiene	14.25	225	183226	48.639	ug/l	93
95) Naphthalene	14.51	128	459239	47.588	ug/l	99
96) 1,2,3-Trichlorobenzene	14.66	180	260252	51.439	ug/l	97

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

