

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF010719\
 Data File : VF061275.D
 Acq On : 7 Jan 2019 13:16
 Operator : VA/AP
 Sample : VF0107SBSD01
 Misc : 5.00µg/5mL/MSVOA-F/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VF0107SBSD01

Manual Integrations
 APPROVED

Quant Time: Jan 08 00:31:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F010319S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 04 03:27:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.84	168	216266	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	5.57	114	365780	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.75	117	328444	50.00	ug/l	-0.03
72) 1,4-Dichlorobenzene-d4	12.53	152	161803	50.00	ug/l	-0.02

System Monitoring Compounds

MMDadoda

33) 1,2-Dichloroethane-d4	4.81	65	137121	49.95	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	99.90%	
35) Dibromofluoromethane	4.09	113	154184	54.79	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	109.58%	
50) Toluene-d8	7.53	98	428285	51.29	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	102.58%	
62) 4-Bromofluorobenzene	11.39	95	190572	51.50	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	103.00%	

1/8/2019 12:58:04 PM

Target Compounds

Qvalue

2) Dichlorodifluoromethane	0.96	85	82096	19.770	ug/l	100
3) Chloromethane	1.09	50	68148	21.423	ug/l #	87
4) Vinyl Chloride	1.14	62	60670	22.018	ug/l	94
5) Bromomethane	1.29	94	38451	20.411	ug/l	85
6) Chloroethane	1.37	64	26100	20.901	ug/l	97
7) Trichlorofluoromethane	1.46	101	101659	20.502	ug/l	99
8) Diethyl Ether	1.62	74	14960	21.148	ug/l	88
9) 1,1,2-Trichlorotrifluoroet	1.82	101	52145	21.049	ug/l	94
10) Methyl Iodide	1.84	142	80054m	20.001	ug/l	
11) Tert butyl alcohol	2.56	59	10339	89.253	ug/l	100
12) 1,1-Dichloroethene	1.78	96	42227m	20.278	ug/l	
13) Acrolein	1.98	56	11795	122.122	ug/l	96
14) Allyl chloride	2.08	41	80060	27.809	ug/l	98
15) Acrylonitrile	2.93	53	32025	103.410	ug/l	100
16) Acetone	2.22	43	67939	133.700	ug/l	98
17) Carbon Disulfide	1.79	76	139843	22.054	ug/l	95
18) Methyl Acetate	2.34	43	19417	16.920	ug/l	93
19) Methyl tert-butyl Ether	2.42	73	82528	19.013	ug/l #	88
20) Methylene Chloride	2.17	84	43052m	17.254	ug/l	
21) trans-1,2-Dichloroethene	2.30	96	44665	20.393	ug/l	90
22) Diisopropyl ether	2.78	45	150508	20.791	ug/l	99
23) Vinyl Acetate	3.17	43	235360	70.995	ug/l	98
24) 1,1-Dichloroethane	2.85	63	90602	21.347	ug/l	99
25) 2-Butanone	4.30	43	94691	94.806	ug/l	97
26) 2,2-Dichloropropane	3.57	77	58700	24.017	ug/l	98
27) cis-1,2-Dichloroethene	3.45	96	66608	20.696	ug/l	96
28) Bromochloromethane	3.69	49	37455	18.642	ug/l	92
29) Tetrahydrofuran	4.06	42	42227	113.140	ug/l	96
30) Chloroform	3.83	83	113244	19.075	ug/l	98
31) Cyclohexane	3.67	56	95837	21.304	ug/l #	87
32) 1,1,1-Trichloroethane	4.08	97	90897	23.573	ug/l	98
36) 1,1-Dichloropropene	4.25	75	87128	20.225	ug/l	98
37) Ethyl Acetate	4.08	43	38317	22.277	ug/l	85
38) Carbon Tetrachloride	3.97	117	77148	22.369	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF010719\
 Data File : VF061275.D
 Acq On : 7 Jan 2019 13:16
 Operator : VA/AP
 Sample : VF0107SBSD01
 Misc : 5.00g/5mL/MSVOA-F/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VF0107SBSD01

Manual Integrations
 APPROVED

Quant Time: Jan 08 00:31:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F010319S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 04 03:27:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	5.43	83	106850	23.203	ug/l	96
40) Benzene	4.61	78	200825	20.541	ug/l	96
41) Methacrylonitrile	4.72	41	19964	21.581	ug/l #	91
42) 1,2-Dichloroethane	4.92	62	65842	20.128	ug/l	92
43) Isopropyl Acetate	6.94	43	40436	17.619	ug/l #	85
44) Trichloroethene	5.48	130	64597	21.226	ug/l	94 MMDadoda
45) 1,2-Dichloropropane	6.22	63	53545	21.451	ug/l	99
46) Dibromomethane	6.06	93	31638	19.263	ug/l	91
47) Bromodichloromethane	6.36	83	82014	19.616	ug/l	98
48) Methyl methacrylate	6.69	41	27791	18.700	ug/l	93
49) 1,4-Dioxane	6.68	88	4395	426.811	ug/l	92 1/8/2019 12:58:04 PM
51) 4-Methyl-2-Pentanone	8.24	43	168491	111.452	ug/l	98
52) Toluene	7.60	92	128075	20.062	ug/l	99
53) t-1,3-Dichloropropene	8.26	75	63033	18.494	ug/l	93
54) cis-1,3-Dichloropropene	7.28	75	84750	19.564	ug/l	93
55) 1,1,2-Trichloroethane	8.46	97	34876	18.997	ug/l	94
56) Ethyl methacrylate	8.59	69	40542	19.982	ug/l	97
57) 1,3-Dichloropropane	8.83	76	64271	18.624	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.27	63	8140	33.037	ug/l	98
59) 2-Hexanone	9.47	43	127757	110.709	ug/l	99
60) Dibromochloromethane	8.69	129	49897	19.134	ug/l	93
61) 1,2-Dibromoethane	8.96	107	36351	18.347	ug/l	93
64) Tetrachloroethene	8.13	164	51677	20.531	ug/l	93
65) Chlorobenzene	9.78	112	135659	20.312	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.90	131	57339	20.906	ug/l	97
67) Ethyl Benzene	9.88	91	253508	20.649	ug/l	99
68) m/p-Xylenes	10.10	106	185053	41.302	ug/l	99
69) o-Xylene	10.69	106	103674	21.390	ug/l	91
70) Styrene	10.76	104	133905	20.069	ug/l	100
71) Bromoform	10.75	173	24618	19.279	ug/l #	92
73) Isopropylbenzene	11.10	105	297055	21.613	ug/l	94
74) N-amyl acetate	11.35	43	77287	22.273	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.68	83	50008	20.831	ug/l	98
76) 1,2,3-Trichloropropane	11.78	75	36820	20.660	ug/l	94
77) Bromobenzene	11.47	156	59431	20.598	ug/l	100
78) n-propylbenzene	11.57	91	361359	22.058	ug/l	98
79) 2-Chlorotoluene	11.70	91	209678	22.162	ug/l	97
80) 1,3,5-Trimethylbenzene	11.81	105	250272	22.556	ug/l	95
81) trans-1,4-Dichloro-2-buten	11.85	75	15452m	18.917	ug/l	
82) 4-Chlorotoluene	11.88	91	205185	21.393	ug/l	93
83) tert-Butylbenzene	12.11	119	257257	22.487	ug/l	96
84) 1,2,4-Trimethylbenzene	12.18	105	240992	21.817	ug/l	95
85) sec-Butylbenzene	12.29	105	347441	22.389	ug/l	98
86) p-Isopropyltoluene	12.44	119	286622	22.416	ug/l	96
87) 1,3-Dichlorobenzene	12.46	146	122293	21.965	ug/l	96
88) 1,4-Dichlorobenzene	12.55	146	109913	20.233	ug/l	97
89) n-Butylbenzene	12.82	91	298762	22.128	ug/l	95
90) Hexachloroethane	12.90	117	68557	21.733	ug/l	80
91) 1,2-Dichlorobenzene	12.92	146	113832	21.165	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	13.62	75	7887	18.282	ug/l	93

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF010719\
Data File : VF061275.D
Acq On : 7 Jan 2019 13:16
Operator : VA/AP
Sample : VF0107SBSD01
Misc : 5.00g/5mL/MSVOA-F/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
VF0107SBSD01

Manual Integrations
APPROVED

Quant Time: Jan 08 00:31:22 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F010319S.M
Quant Title : SW846 8260
QLast Update : Fri Jan 04 03:27:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.19	180	83897	22.277	ug/l	95
94) Hexachlorobutadiene	14.18	225	52957	22.070	ug/l	95
95) Naphthalene	14.44	128	146177	20.765	ug/l	99
96) 1,2,3-Trichlorobenzene	14.58	180	74296	21.277	ug/l	97

MMDadoda

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

1/8/2019 12:58:04 PM

