

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF010819\
 Data File : VF061289.D
 Acq On : 8 Jan 2019 16:27
 Operator : VA/AP
 Sample : VSTDICC100
 Misc : 5.00g/5mL/MSVOA-F/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

MMDadoda
 1/9/2019 11:45:06 AM

Quant Time: Jan 09 06:24:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F010819S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 08 15:56:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.89	168	186238	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	5.61	114	328018	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.79	117	307713	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.56	152	159767	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	4.86	65	215833	91.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	182.60%	
35) Dibromofluoromethane	4.13	113	240340	95.24	ug/l	0.01
Spiked Amount	50.000		Recovery	=	190.48%	
50) Toluene-d8	7.57	98	720325	96.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	192.38%	
62) 4-Bromofluorobenzene	11.42	95	298590	89.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	179.98%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	0.96	85	328726	91.928	ug/l	94
3) Chloromethane	1.08	50	293272	107.056	ug/l	96
4) Vinyl Chloride	1.14	62	263389	111.002	ug/l	99
5) Bromomethane	1.30	94	186238	114.801	ug/l	96
6) Chloroethane	1.37	64	128157	119.177	ug/l	97
7) Trichlorofluoromethane	1.47	101	462019	108.202	ug/l	98
8) Diethyl Ether	1.63	74	68518	112.478	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	1.81	101	227653	106.712	ug/l	97
10) Methyl Iodide	1.85	142	378855	109.914	ug/l	97
11) Tert butyl alcohol	2.57	59	45063	451.735	ug/l	95
12) 1,1-Dichloroethene	1.76	96	186556	104.031	ug/l	89
13) Acrolein	2.01	56	42977	460.281	ug/l	94
14) Allyl chloride	2.10	41	352381	142.136	ug/l	98
15) Acrylonitrile	2.95	53	154057	577.665	ug/l	98
16) Acetone	2.23	43	213008	449.909	ug/l	94
17) Carbon Disulfide	1.77	76	600048	109.887	ug/l	99
18) Methyl Acetate	2.34	43	93940	89.663	ug/l	100
19) Methyl tert-butyl Ether	2.43	73	382502	102.328	ug/l	98
20) Methylene Chloride	2.19	84	183451	83.491	ug/l	99
21) trans-1,2-Dichloroethene	2.31	96	200697	106.408	ug/l	95
22) Diisopropyl ether	2.80	45	679261	108.963	ug/l	98
23) Vinyl Acetate	3.19	43	1205579	422.288	ug/l	100
24) 1,1-Dichloroethane	2.88	63	398479	109.026	ug/l	99
25) 2-Butanone	4.35	43	372355	418.967	ug/l	95
26) 2,2-Dichloropropane	3.62	77	265895	126.332	ug/l	98
27) cis-1,2-Dichloroethene	3.49	96	285081	102.861	ug/l	93
28) Bromochloromethane	3.73	49	156022	90.176	ug/l	92
29) Tetrahydrofuran	4.08	42	154992	448.537	ug/l	99
30) Chloroform	3.87	83	490409	95.926	ug/l	99
31) Cyclohexane	3.71	56	393728	101.637	ug/l	98
32) 1,1,1-Trichloroethane	4.11	97	404160	121.712	ug/l	97
36) 1,1-Dichloropropene	4.30	75	359196	92.979	ug/l	99
37) Ethyl Acetate	4.12	43	132727	86.048	ug/l #	94
38) Carbon Tetrachloride	4.01	117	349366m	112.958	ug/l	

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF010819\
 Data File : VF061289.D
 Acq On : 8 Jan 2019 16:27
 Operator : VA/AP
 Sample : VSTDICC100
 Misc : 5.00g/5mL/MSVOA-F/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

MMDadoda
 1/9/2019 11:45:06 AM

Quant Time: Jan 09 06:24:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F010819S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 08 15:56:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	5.47	83	446417	108.102	ug/l	98
40) Benzene	4.64	78	812226	92.640	ug/l	98
41) Methacrylonitrile	4.75	41	76391	87.097	ug/l	92
42) 1,2-Dichloroethane	4.96	62	280767	95.711	ug/l	99
43) Isopropyl Acetate	6.97	43	199524	96.945	ug/l #	97
44) Trichloroethene	5.52	130	240027	87.951	ug/l	95
45) 1,2-Dichloropropane	6.25	63	233438	104.287	ug/l	98
46) Dibromomethane	6.10	93	147175	99.922	ug/l	92
47) Bromodichloromethane	6.40	83	360435	96.134	ug/l	92
48) Methyl methacrylate	6.72	41	130261	97.741	ug/l	97
49) 1,4-Dioxane	6.71	88	14519	1572.300	ug/l	90
51) 4-Methyl-2-Pentanone	8.27	43	697449	487.915	ug/l	97
52) Toluene	7.64	92	532183	92.960	ug/l	100
53) t-1,3-Dichloropropene	8.29	75	279903	91.578	ug/l	96
54) cis-1,3-Dichloropropene	7.32	75	368616	94.890	ug/l	99
55) 1,1,2-Trichloroethane	8.50	97	159921	97.137	ug/l	97
56) Ethyl methacrylate	8.63	69	197090	108.322	ug/l	97
57) 1,3-Dichloropropane	8.86	76	284780	92.020	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.31	63	39173	177.289	ug/l #	88
59) 2-Hexanone	9.50	43	500205	483.356	ug/l	98
60) Dibromochloromethane	8.73	129	227178	97.146	ug/l	98
61) 1,2-Dibromoethane	9.00	107	175172	98.588	ug/l	93
64) Tetrachloroethene	8.16	164	218763	92.768	ug/l	96
65) Chlorobenzene	9.81	112	597479	95.488	ug/l	97
66) 1,1,1,2-Tetrachloroethane	9.95	131	257223	100.102	ug/l	95
67) Ethyl Benzene	9.91	91	1118625	97.252	ug/l	93
68) m/p-Xylenes	10.15	106	780250	185.877	ug/l	91
69) o-Xylene	10.73	106	440856	97.085	ug/l	96
70) Styrene	10.80	104	578353	92.520	ug/l	99
71) Bromoform	10.79	173	110311	92.209	ug/l #	99
73) Isopropylbenzene	11.13	105	1213009	89.381	ug/l	97
74) N-amyl acetate	11.38	43	308124	89.928	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.70	83	218227	92.060	ug/l	98
76) 1,2,3-Trichloropropane	11.80	75	156273	88.805	ug/l	96
77) Bromobenzene	11.51	156	263435	92.466	ug/l	95
78) n-propylbenzene	11.61	91	1404858	86.847	ug/l	95
79) 2-Chlorotoluene	11.73	91	831330	88.986	ug/l	96
80) 1,3,5-Trimethylbenzene	11.83	105	968509	88.399	ug/l	95
81) trans-1,4-Dichloro-2-buten	11.88	75	79433m	98.486	ug/l	
82) 4-Chlorotoluene	11.91	91	848228	89.565	ug/l	97
83) tert-Butylbenzene	12.14	119	956442	84.668	ug/l	96
84) 1,2,4-Trimethylbenzene	12.22	105	996428	91.357	ug/l	98
85) sec-Butylbenzene	12.32	105	1373527	89.638	ug/l	95
86) p-Isopropyltoluene	12.46	119	1107888	87.751	ug/l	98
87) 1,3-Dichlorobenzene	12.48	146	479293	87.184	ug/l	99
88) 1,4-Dichlorobenzene	12.57	146	502603	93.701	ug/l	98
89) n-Butylbenzene	12.85	91	1150093	88.661	ug/l	96
90) Hexachloroethane	12.93	117	281707	90.440	ug/l	88
91) 1,2-Dichlorobenzene	12.95	146	473871	89.230	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.65	75	43875	102.995	ug/l	72

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF010819\
Data File : VF061289.D
Acq On : 8 Jan 2019 16:27
Operator : VA/AP
Sample : VSTDICC100
Misc : 5.00g/5mL/MSVOA-F/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

MMDadoda
1/9/2019 11:45:06 AM

Quant Time: Jan 09 06:24:48 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F010819S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 08 15:56:30 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.21	180	329896	88.712	ug/l	95
94) Hexachlorobutadiene	14.20	225	214263	90.433	ug/l	97
95) Naphthalene	14.47	128	711713	102.390	ug/l	99
96) 1,2,3-Trichlorobenzene	14.61	180	313615	90.957	ug/l	94

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF010819\
 Data File : VF061289.D
 Acq On : 8 Jan 2019 16:27
 Operator : VA/AP
 Sample : VSTDICC100
 Misc : 5.00µ/5mL/MSVOA-F/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

MMDadoda
 1/9/2019 11:45:06 AM

Quant Time: Jan 09 06:24:48 2019
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F010819S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 08 15:56:30 2019
 Response via : Initial Calibration

