

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW121118\
 Data File : VW007370.D
 Acq On : 10 Dec 2018 22:22
 Operator : SY/AP
 Sample : VSTDIC005
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

Manual Integrations
 APPROVED

MMDadoda
 12/11/2018 4:55:22 PM

Quant Time: Dec 11 01:49:15 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 11 01:34:00 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	89190	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	154613	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	134805	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	61676	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	5368	6.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	12.42%	
35) Dibromofluoromethane	7.88	113	4850	5.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.78%	
50) Toluene-d8	10.32	98	17168	4.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	8.90%	
62) 4-Bromofluorobenzene	12.62	95	6915	4.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.58%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	2.01	85	3556	3.871	ug/l 85
3) Chloromethane	2.21	50	2725	2.428	ug/l 96
4) Vinyl Chloride	2.37	62	3026	4.072	ug/l 98
5) Bromomethane	2.78	94	2092	5.378	ug/l 94
6) Chloroethane	2.92	64	1647	3.931	ug/l 96
7) Trichlorofluoromethane	3.26	101	2572	1.897	ug/l 95
8) Diethyl Ether	3.68	74	2418	5.677	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	4.07	101	4705	5.155	ug/l 96
10) Methyl Iodide	4.27	142	7483	8.293	ug/l 97
11) Tert butyl alcohol	5.15	59	1838m	19.288	ug/l
12) 1,1-Dichloroethene	4.03	96	4529	5.262	ug/l 91
13) Acrolein	3.89	56	1232	22.050	ug/l 95
14) Allyl chloride	4.67	41	6530	4.813	ug/l 99
15) Acrylonitrile	5.37	53	4630	26.400	ug/l 97
16) Acetone	4.12	43	4862	25.800	ug/l 89
17) Carbon Disulfide	4.37	76	13481	4.853	ug/l 100
18) Methyl Acetate	4.66	43	2352	5.201	ug/l 97
19) Methyl tert-butyl Ether	5.42	73	6564	3.471	ug/l 93
20) Methylene Chloride	4.90	84	7509	6.452	ug/l 97
21) trans-1,2-Dichloroethene	5.42	96	4980	5.183	ug/l 94
22) Diisopropyl ether	6.32	45	12476	5.083	ug/l 96
23) Vinyl Acetate	6.26	43	33567	24.952	ug/l # 93
24) 1,1-Dichloroethane	6.21	63	8596	5.388	ug/l 98
25) 2-Butanone	7.17	43	5706	25.224	ug/l # 88
26) 2,2-Dichloropropane	7.17	77	5872	4.054	ug/l 99
27) cis-1,2-Dichloroethene	7.17	96	5371	5.186	ug/l 96
28) Bromochloromethane	7.52	49	3196	5.474	ug/l # 100
29) Tetrahydrofuran	7.53	42	3405	24.088	ug/l 93
30) Chloroform	7.67	83	9238	5.518	ug/l 94
31) Cyclohexane	7.95	56	9009	5.549	ug/l # 87
32) 1,1,1-Trichloroethane	7.87	97	8296	5.361	ug/l 98
36) 1,1-Dichloropropene	8.08	75	7181	4.850	ug/l 99
37) Ethyl Acetate	7.26	43	2711	5.059	ug/l # 92
38) Carbon Tetrachloride	8.07	117	7551	4.917	ug/l 96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW121118\
 Data File : VW007370.D
 Acq On : 10 Dec 2018 22:22
 Operator : SY/AP
 Sample : VSTDIC005
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleID :
 VSTDIC005

Manual Integrations
 APPROVED

MMDadoda
 12/11/2018 4:55:22 PM

Quant Time: Dec 11 01:49:15 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 11 01:34:00 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.34	83	8549	4.361	ug/l #	90
40) Benzene	8.32	78	19949	4.878	ug/l	96
41) Methacrylonitrile	7.48	41	1761	5.508	ug/l #	82
42) 1,2-Dichloroethane	8.40	62	6176	5.277	ug/l	99
43) Isopropyl Acetate	8.42	43	5068	4.828	ug/l	96
44) Trichloroethene	9.10	130	5603	4.892	ug/l	89
45) 1,2-Dichloropropane	9.37	63	4504	4.728	ug/l	98
46) Dibromomethane	9.46	93	2587	5.151	ug/l	99
47) Bromodichloromethane	9.65	83	6635	5.017	ug/l	95
48) Methyl methacrylate	9.43	41	2883	5.342	ug/l	93
49) 1,4-Dioxane	9.45	88	763	88.345	ug/l	95
51) 4-Methyl-2-Pentanone	10.21	43	12380	24.238	ug/l	96
52) Toluene	10.39	92	12893	4.575	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	6412	4.889	ug/l	96
54) cis-1,3-Dichloropropene	10.07	75	7409	4.831	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	3504	4.945	ug/l	92
56) Ethyl methacrylate	10.65	69	4218	4.648	ug/l	98
57) 1,3-Dichloropropane	10.93	76	5548	4.669	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	8592	22.546	ug/l	96
59) 2-Hexanone	10.97	43	7940	21.826	ug/l	100
60) Dibromochloromethane	11.12	129	4442	5.071	ug/l	99
61) 1,2-Dibromoethane	11.23	107	3684	5.456	ug/l	90
64) Tetrachloroethene	10.86	164	4739	4.894	ug/l	82
65) Chlorobenzene	11.66	112	14000	4.748	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	4905	5.270	ug/l	96
67) Ethyl Benzene	11.73	91	23440	4.371	ug/l #	88
68) m/p-Xylenes	11.84	106	18490	8.842	ug/l	92
69) o-Xylene	12.17	106	8407	4.268	ug/l	96
70) Styrene	12.18	104	13311	4.160	ug/l	97
71) Bromoform	12.35	173	2552	5.491	ug/l #	94
73) Isopropylbenzene	12.47	105	23057	4.674	ug/l	94
74) N-amyl acetate	12.27	43	4076	4.689	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.72	83	3891	5.882	ug/l	92
76) 1,2,3-Trichloropropane	12.77	75	2758m	5.486	ug/l	
77) Bromobenzene	12.75	156	5395	4.981	ug/l	94
78) n-propylbenzene	12.81	91	26962	4.551	ug/l	96
79) 2-Chlorotoluene	12.90	91	15701	4.671	ug/l	95
80) 1,3,5-Trimethylbenzene	12.95	105	19563	4.631	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.51	75	1153	5.272	ug/l	94
82) 4-Chlorotoluene	12.99	91	18360	5.133	ug/l	99
83) tert-Butylbenzene	13.21	119	18287	4.904	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	21038	4.867	ug/l	100
85) sec-Butylbenzene	13.38	105	24563	4.673	ug/l	93
86) p-Isopropyltoluene	13.51	119	21502	4.549	ug/l	97
87) 1,3-Dichlorobenzene	13.50	146	11008	4.972	ug/l	94
88) 1,4-Dichlorobenzene	13.58	146	11760	5.312	ug/l	95
89) n-Butylbenzene	13.83	91	20929	4.765	ug/l	97
90) Hexachloroethane	14.10	117	3759	5.163	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	10227	5.377	ug/l	94
92) 1,2-Dibromo-3-Chloropropan	14.49	75	679	5.303	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW121118\
Data File : VW007370.D
Acq On : 10 Dec 2018 22:22
Operator : SY/AP
Sample : VSTDICC005
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

MMDadoda
12/11/2018 4:55:22 PM

Quant Time: Dec 11 01:49:15 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
Quant Title : SW846 8260
QLast Update : Tue Dec 11 01:34:00 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	6799	5.157	ug/l	92
94) Hexachlorobutadiene	15.24	225	3445	4.835	ug/l	99
95) Naphthalene	15.38	128	11999	5.002	ug/l	98
96) 1,2,3-Trichlorobenzene	15.56	180	5689	5.040	ug/l	94

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

