

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW010219\
 Data File : VW008004.D
 Acq On : 02 Jan 2019 12:53
 Operator : SY/AP
 Sample : VSTDIC005
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

Manual Integrations
 APPROVED

MMDadoda
 1/3/2019 10:55:10 AM

Quant Time: Jan 03 04:47:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010219S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 03 04:40:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	69872	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	110183	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	100531	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	50267	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	4164	5.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.78%	
35) Dibromofluoromethane	7.88	113	3740	5.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.76%	
50) Toluene-d8	10.32	98	13815	5.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.60%	
62) 4-Bromofluorobenzene	12.62	95	5462	5.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.94%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	2986m	4.590	ug/l
3) Chloromethane	2.21	50	2338	4.915	ug/l
4) Vinyl Chloride	2.37	62	3024	4.922	ug/l
5) Bromomethane	2.78	94	1956	5.011	ug/l
6) Chloroethane	2.93	64	1476	4.701	ug/l #
7) Trichlorofluoromethane	3.26	101	2710	4.394	ug/l
8) Diethyl Ether	3.68	74	1570	4.957	ug/l
9) 1,1,2-Trichlorotrifluoroet	4.07	101	3400	4.639	ug/l
10) Methyl Iodide	4.26	142	5717	4.849	ug/l
11) Tert butyl alcohol	5.17	59	1515	30.174	ug/l #
12) 1,1-Dichloroethene	4.04	96	3488	4.972	ug/l
13) Acrolein	3.89	56	789	23.193	ug/l
14) Allyl chloride	4.67	41	4558	4.796	ug/l
15) Acrylonitrile	5.37	53	2718	23.330	ug/l
16) Acetone	4.12	43	3183	26.607	ug/l
17) Carbon Disulfide	4.38	76	10127	4.726	ug/l
18) Methyl Acetate	4.68	43	1401m	4.516	ug/l
19) Methyl tert-butyl Ether	5.43	73	5506	4.987	ug/l
20) Methylene Chloride	4.92	84	5657	6.856	ug/l #
21) trans-1,2-Dichloroethene	5.42	96	3907	5.119	ug/l
22) Diisopropyl ether	6.31	45	8150	4.778	ug/l
23) Vinyl Acetate	6.26	43	22378	23.447	ug/l
24) 1,1-Dichloroethane	6.21	63	6177	4.874	ug/l
25) 2-Butanone	7.18	43	3596	25.513	ug/l #
26) 2,2-Dichloropropane	7.16	77	5343	5.117	ug/l
27) cis-1,2-Dichloroethene	7.17	96	4056	4.989	ug/l
28) Bromochloromethane	7.51	49	2411	5.918	ug/l #
29) Tetrahydrofuran	7.54	42	2138	24.420	ug/l
30) Chloroform	7.67	83	7240	5.097	ug/l
31) Cyclohexane	7.95	56	6720	5.689	ug/l #
32) 1,1,1-Trichloroethane	7.87	97	6474	4.763	ug/l
36) 1,1-Dichloropropene	8.09	75	5244	4.825	ug/l
37) Ethyl Acetate	7.26	43	1566	4.797	ug/l #
38) Carbon Tetrachloride	8.07	117	6217	4.773	ug/l

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW010219\
 Data File : VW008004.D
 Acq On : 02 Jan 2019 12:53
 Operator : SY/AP
 Sample : VSTDIC005
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleID :
 VSTDIC005

Manual Integrations
 APPROVED

MMDadoda
 1/3/2019 10:55:10 AM

Quant Time: Jan 03 04:47:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010219S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 03 04:40:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	6414	4.734	ug/l	95
40) Benzene	8.32	78	14256	4.972	ug/l	94
41) Methacrylonitrile	7.49	41	823m	4.091	ug/l	
42) 1,2-Dichloroethane	8.40	62	4753	4.975	ug/l	96
43) Isopropyl Acetate	8.42	43	3005	4.607	ug/l	98
44) Trichloroethene	9.09	130	4015	4.745	ug/l	87
45) 1,2-Dichloropropane	9.37	63	3086	4.972	ug/l	98
46) Dibromomethane	9.46	93	1766	4.867	ug/l	95
47) Bromodichloromethane	9.65	83	4837	4.759	ug/l	98
48) Methyl methacrylate	9.44	41	1661	5.050	ug/l	93
49) 1,4-Dioxane	9.45	88	545	101.491	ug/l #	78
51) 4-Methyl-2-Pentanone	10.21	43	7418	24.566	ug/l	98
52) Toluene	10.39	92	9442	4.988	ug/l	97
53) t-1,3-Dichloropropene	10.61	75	4689	4.798	ug/l	91
54) cis-1,3-Dichloropropene	10.07	75	5143	4.716	ug/l #	91
55) 1,1,2-Trichloroethane	10.79	97	2345	4.773	ug/l	87
56) Ethyl methacrylate	10.65	69	2555	4.600	ug/l	94
57) 1,3-Dichloropropane	10.93	76	4129	4.946	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	7048	26.756	ug/l	99
59) 2-Hexanone	10.97	43	4782	22.940	ug/l	97
60) Dibromochloromethane	11.13	129	3339	4.965	ug/l	93
61) 1,2-Dibromoethane	11.24	107	2266	4.609	ug/l	98
64) Tetrachloroethene	10.87	164	3428	4.936	ug/l	97
65) Chlorobenzene	11.66	112	10457	4.867	ug/l	90
66) 1,1,1,2-Tetrachloroethane	11.73	131	3805	4.890	ug/l	98
67) Ethyl Benzene	11.73	91	18349	4.811	ug/l	99
68) m/p-Xylenes	11.84	106	14075	9.546	ug/l	97
69) o-Xylene	12.16	106	6522	4.754	ug/l	99
70) Styrene	12.18	104	10372	4.638	ug/l	99
71) Bromoform	12.35	173	1706	4.733	ug/l #	99
73) Isopropylbenzene	12.47	105	18631	4.661	ug/l	98
74) N-amyl acetate	12.27	43	2873	4.618	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.72	83	2372	4.664	ug/l	95
76) 1,2,3-Trichloropropane	12.77	75	2353m	3.361	ug/l	
77) Bromobenzene	12.75	156	3982	4.635	ug/l	95
78) n-propylbenzene	12.81	91	22077	4.764	ug/l	97
79) 2-Chlorotoluene	12.90	91	12570	4.693	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	16204	4.710	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	762	4.506	ug/l	94
82) 4-Chlorotoluene	12.99	91	13619	4.782	ug/l	99
83) tert-Butylbenzene	13.21	119	14413	4.788	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	17127	4.915	ug/l	99
85) sec-Butylbenzene	13.39	105	19567	4.725	ug/l	98
86) p-Isopropyltoluene	13.51	119	17836	4.775	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	8413	4.853	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	8495	4.950	ug/l	91
89) n-Butylbenzene	13.83	91	16299	4.771	ug/l	99
90) Hexachloroethane	14.10	117	3058	4.718	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	7735	5.078	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.49	75	437	4.234	ug/l	91

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW010219\
Data File : VW008004.D
Acq On : 02 Jan 2019 12:53
Operator : SY/AP
Sample : VSTDICC005
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

MMDadoda
1/3/2019 10:55:10 AM

Quant Time: Jan 03 04:47:51 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010219S.M
Quant Title : SW846 8260
QLast Update : Thu Jan 03 04:40:01 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	5003	4.676	ug/l	97
94) Hexachlorobutadiene	15.24	225	2908	4.707	ug/l	94
95) Naphthalene	15.37	128	7788	4.274	ug/l	98
96) 1,2,3-Trichlorobenzene	15.56	180	4237	4.813	ug/l	97

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

