

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071218\
 Data File : VW003898.D
 Acq On : 12 Jul 2018 15:48
 Operator : SY/AP
 Sample : VW0712SBSD01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0712SBSD01

Manual Integrations
 APPROVED

apatel
 7/13/2018 9:31:23 AM

Quant Time: Jul 12 16:14:38 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070718S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 07 05:07:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	222582	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	345041	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	317059	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	170943	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	589m	0.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	0.40%	
35) Dibromofluoromethane	7.88	113	509	0.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	0.42%	
50) Toluene-d8	10.33	98	3361	0.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	0.72%	
62) 4-Bromofluorobenzene	12.62	95	1777	0.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	1.06%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.00	85	21644	19.994	ug/l 98
3) Chloromethane	2.21	50	40956	19.929	ug/l 93
4) Vinyl Chloride	2.36	62	56854	20.975	ug/l 97
5) Bromomethane	2.78	94	37189	19.436	ug/l 98
6) Chloroethane	2.92	64	34109	20.983	ug/l 100
7) Trichlorofluoromethane	3.25	101	28099	25.661	ug/l 96
8) Diethyl Ether	3.67	74	19083	17.005	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	40642	19.085	ug/l 99
10) Methyl Iodide	4.26	142	57340	18.090	ug/l 98
11) Tert butyl alcohol	5.23	59	13558	85.950	ug/l # 86
12) 1,1-Dichloroethene	4.03	96	39190	18.743	ug/l 97
13) Acrolein	3.89	56	14054	59.715	ug/l 98
14) Allyl chloride	4.66	41	84198	23.162	ug/l 99
15) Acrylonitrile	5.37	53	56257	100.107	ug/l 99
16) Acetone	4.14	43	45819	90.730	ug/l 100
17) Carbon Disulfide	4.37	76	124540	18.168	ug/l 99
18) Methyl Acetate	4.68	43	27025	18.981	ug/l 97
19) Methyl tert-butyl Ether	5.43	73	89310	20.671	ug/l 100
20) Methylene Chloride	4.91	84	63224	23.353	ug/l 96
21) trans-1,2-Dichloroethene	5.42	96	53541	21.630	ug/l 98
22) Diisopropyl ether	6.31	45	170195	21.296	ug/l 98
23) Vinyl Acetate	6.26	43	498703	102.221	ug/l 99
24) 1,1-Dichloroethane	6.21	63	100897	20.874	ug/l 99
25) 2-Butanone	7.18	43	79676	100.731	ug/l 98
26) 2,2-Dichloropropane	7.17	77	63143	24.084	ug/l 99
27) cis-1,2-Dichloroethene	7.17	96	57029	20.834	ug/l 100
28) Bromochloromethane	7.51	49	41557	19.299	ug/l 98
29) Tetrahydrofuran	7.54	42	48321	95.032	ug/l 99
30) Chloroform	7.68	83	99631	20.206	ug/l 99
31) Cyclohexane	7.95	56	94397	22.224	ug/l 97
32) 1,1,1-Trichloroethane	7.87	97	81863	21.814	ug/l 99
36) 1,1-Dichloropropene	8.08	75	81735	22.326	ug/l 100
37) Ethyl Acetate	7.26	43	34342	19.278	ug/l 98
38) Carbon Tetrachloride	8.07	117	77906	22.381	ug/l 96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	93237	23.253	ug/l	98
40) Benzene	8.32	78	226582	21.648	ug/l	97
41) Methacrylonitrile	7.49	41	18899	18.443	ug/l	97
42) 1,2-Dichloroethane	8.40	62	68245	20.147	ug/l	99
43) Isopropyl Acetate	8.43	43	65941	19.531	ug/l	99
44) Trichloroethene	9.09	130	57144	21.657	ug/l	99
45) 1,2-Dichloropropane	9.37	63	57616	21.171	ug/l	95
46) Dibromomethane	9.46	93	29186	20.396	ug/l	98
47) Bromodichloromethane	9.65	83	71597	20.338	ug/l	99
48) Methyl methacrylate	9.44	41	31738	19.739	ug/l	98
49) 1,4-Dioxane	9.48	88	7769	363.266	ug/l #	96
51) 4-Methyl-2-Pentanone	10.21	43	172769	98.890	ug/l	100
52) Toluene	10.39	92	138473	21.336	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	72725	20.691	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	83965	21.162	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	41033	20.646	ug/l	96
56) Ethyl methacrylate	10.65	69	47762	19.693	ug/l	97
57) 1,3-Dichloropropane	10.93	76	71628	20.678	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	102663	89.330	ug/l	100
59) 2-Hexanone	10.98	43	120041	100.060	ug/l	99
60) Dibromochloromethane	11.13	129	46890	20.212	ug/l	99
61) 1,2-Dibromoethane	11.24	107	38602	20.310	ug/l	99
64) Tetrachloroethene	10.87	164	49006	20.896	ug/l	96
65) Chlorobenzene	11.66	112	151427	21.665	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	51176	20.953	ug/l	99
67) Ethyl Benzene	11.74	91	268572	22.472	ug/l	100
68) m/p-Xylenes	11.85	106	205877	44.985	ug/l	99
69) o-Xylene	12.17	106	93965	22.251	ug/l	100
70) Styrene	12.18	104	157440	21.924	ug/l	99
71) Bromoform	12.35	173	27016	20.042	ug/l #	97
73) Isopropylbenzene	12.47	105	269821	23.307	ug/l	99
74) N-amyl acetate	12.28	43	62814	20.017	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	47945	20.429	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	39264m	23.390	ug/l	
77) Bromobenzene	12.75	156	61711	21.472	ug/l	97
78) n-propylbenzene	12.81	91	338090	23.265	ug/l	100
79) 2-Chlorotoluene	12.90	91	187120	22.412	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	230521	23.103	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	14488	21.113	ug/l	99
82) 4-Chlorotoluene	12.99	91	198624	22.124	ug/l	99
83) tert-Butylbenzene	13.21	119	189902	23.078	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	235116	22.683	ug/l	99
85) sec-Butylbenzene	13.39	105	284400	23.104	ug/l	99
86) p-Isopropyltoluene	13.51	119	250700	23.307	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	128464	22.062	ug/l	100
88) 1,4-Dichlorobenzene	13.59	146	128538	21.952	ug/l	99
89) n-Butylbenzene	13.83	91	244838	23.140	ug/l	100
90) Hexachloroethane	14.10	117	43766	21.123	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	112360	21.439	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	8112	19.969	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	79582	22.433	ug/l	98
94) Hexachlorobutadiene	15.24	225	46273	22.804	ug/l	97
95) Naphthalene	15.38	128	132874	20.957	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	68600	21.597	ug/l	100

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

