

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071118\
 Data File : VW003873.D
 Acq On : 11 Jul 2018 19:41
 Operator : SY/AP
 Sample : VW0711SBSD01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0711SBSD01

Manual Integrations
 APPROVED

apatel
 7/12/2018 10:59:03 AM

Quant Time: Jul 12 02:25:28 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	221989	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	348103	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	320114	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	173294	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	138545	47.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.44%	
35) Dibromofluoromethane	7.88	113	117851	48.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.74%	
50) Toluene-d8	10.32	98	472101	50.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.32%	
62) 4-Bromofluorobenzene	12.62	95	170690	50.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.24%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	21357	19.782	ug/l	98
3) Chloromethane	2.20	50	40793	19.903	ug/l	90
4) Vinyl Chloride	2.36	62	55621	20.575	ug/l	100
5) Bromomethane	2.78	94	38360	20.102	ug/l	99
6) Chloroethane	2.92	64	33073	20.400	ug/l	95
7) Trichlorofluoromethane	3.25	101	24654	22.575	ug/l	100
8) Diethyl Ether	3.67	74	20136	17.991	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.05	101	39362	18.534	ug/l	98
10) Methyl Iodide	4.26	142	54792	17.332	ug/l	97
11) Tert butyl alcohol	5.23	59	15405	97.920	ug/l	98
12) 1,1-Dichloroethene	4.03	96	37753	18.104	ug/l	94
13) Acrolein	3.89	56	14511	61.755	ug/l	98
14) Allyl chloride	4.65	41	61907	17.075	ug/l	96
15) Acrylonitrile	5.38	53	59750	106.607	ug/l	99
16) Acetone	4.14	43	43484	86.336	ug/l	99
17) Carbon Disulfide	4.37	76	116279	17.008	ug/l	100
18) Methyl Acetate	4.67	43	22301	15.705	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	88252	20.480	ug/l	100
20) Methylene Chloride	4.91	84	76624	29.412	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	51629	20.913	ug/l	98
22) Diisopropyl ether	6.31	45	167994	21.077	ug/l	98
23) Vinyl Acetate	6.26	43	506198	104.035	ug/l	98
24) 1,1-Dichloroethane	6.21	63	98101	20.350	ug/l	100
25) 2-Butanone	7.18	43	78686	99.745	ug/l	98
26) 2,2-Dichloropropane	7.17	77	55945	21.396	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	56031	20.524	ug/l	100
28) Bromochloromethane	7.51	49	43998	20.488	ug/l	98
29) Tetrahydrofuran	7.54	42	50364	99.314	ug/l	98
30) Chloroform	7.67	83	101001	20.538	ug/l	95
31) Cyclohexane	7.95	56	90553	21.376	ug/l #	95
32) 1,1,1-Trichloroethane	7.87	97	78212	20.897	ug/l	100
36) 1,1-Dichloropropene	8.08	75	79711	21.581	ug/l	100
37) Ethyl Acetate	7.26	43	36894	20.529	ug/l	99
38) Carbon Tetrachloride	8.07	117	75660	21.545	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	89079	22.021	ug/l	99
40) Benzene	8.32	78	223004	21.119	ug/l	100
41) Methacrylonitrile	7.49	41	19964	19.311	ug/l	99
42) 1,2-Dichloroethane	8.40	62	70954	20.762	ug/l	100
43) Isopropyl Acetate	8.43	43	66513	19.527	ug/l	98
44) Trichloroethene	9.09	130	56455	21.207	ug/l	97
45) 1,2-Dichloropropane	9.37	63	57423	20.915	ug/l	97
46) Dibromomethane	9.46	93	29578	20.488	ug/l	99
47) Bromodichloromethane	9.65	83	72501	20.414	ug/l	98
48) Methyl methacrylate	9.44	41	32651	20.128	ug/l	98
49) 1,4-Dioxane	9.48	88	8372	388.018	ug/l #	92
51) 4-Methyl-2-Pentanone	10.21	43	180682	102.510	ug/l	98
52) Toluene	10.39	92	140504	21.459	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	73321	20.677	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	83312	20.812	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	41230	20.563	ug/l	95
56) Ethyl methacrylate	10.65	69	49301	20.149	ug/l	97
57) 1,3-Dichloropropane	10.94	76	72819	20.837	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	108638	93.054	ug/l	100
59) 2-Hexanone	10.98	43	123206	101.794	ug/l	99
60) Dibromochloromethane	11.13	129	46314	19.788	ug/l	99
61) 1,2-Dibromoethane	11.24	107	38808	20.239	ug/l	100
64) Tetrachloroethene	10.87	164	48640	20.542	ug/l	99
65) Chlorobenzene	11.66	112	151545	21.475	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	50669	20.547	ug/l	99
67) Ethyl Benzene	11.74	91	262787	21.778	ug/l	100
68) m/p-Xylenes	11.84	106	204578	44.274	ug/l	98
69) o-Xylene	12.17	106	94788	22.232	ug/l	98
70) Styrene	12.19	104	160405	22.124	ug/l	100
71) Bromoform	12.35	173	28128	20.668	ug/l #	100
73) Isopropylbenzene	12.47	105	260644	22.209	ug/l	99
74) N-amyl acetate	12.28	43	65273	20.519	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	49950	20.995	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	33963m	19.958	ug/l	
77) Bromobenzene	12.75	156	61549	21.125	ug/l	99
78) n-propylbenzene	12.81	91	332331	22.558	ug/l	100
79) 2-Chlorotoluene	12.90	91	184579	21.808	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	226743	22.417	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.52	75	14582	20.962	ug/l	97
82) 4-Chlorotoluene	12.99	91	201858	22.179	ug/l	99
83) tert-Butylbenzene	13.21	119	185843	22.278	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	234129	22.281	ug/l	99
85) sec-Butylbenzene	13.39	105	278248	22.297	ug/l	100
86) p-Isopropyltoluene	13.51	119	244598	22.431	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	127324	21.569	ug/l	100
88) 1,4-Dichlorobenzene	13.59	146	125359	21.118	ug/l	99
89) n-Butylbenzene	13.84	91	236519	22.051	ug/l	99
90) Hexachloroethane	14.10	117	43932	20.915	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	113361	21.336	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	8262	20.062	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	76410	21.247	ug/l	99
94) Hexachlorobutadiene	15.24	225	43744	21.265	ug/l	97
95) Naphthalene	15.38	128	136926	21.303	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	69242	21.503	ug/l	99

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

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