

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072818\
 Data File : VW004245.D
 Acq On : 27 Jul 2018 01:55
 Operator : SY/AP
 Sample : VW0728SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0728SBS01

Manual Integrations
 APPROVED

apatel
 7/27/2018 12:36:49 PM

Quant Time: Jul 27 07:51:14 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W071618S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 16 15:06:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	237091	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	386055	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	360242	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	194169	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	156720	59.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	118.28%	
35) Dibromofluoromethane	7.88	113	137206	55.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.78%	
50) Toluene-d8	10.33	98	537983	55.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.94%	
62) 4-Bromofluorobenzene	12.62	95	192209	55.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.92%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.00	85	23006m	17.279	ug/l
3) Chloromethane	2.21	50	43741	24.959	ug/l
4) Vinyl Chloride	2.35	62	49345	20.471	ug/l
5) Bromomethane	2.76	94	30911	20.517	ug/l
6) Chloroethane	2.91	64	29147	21.282	ug/l
7) Trichlorofluoromethane	3.24	101	21834	21.575	ug/l
8) Diethyl Ether	3.67	74	30244	25.747	ug/l
9) 1,1,2-Trichlorotrifluoroet	4.05	101	49777	21.316	ug/l
10) Methyl Iodide	4.26	142	72424	21.594	ug/l
11) Tert butyl alcohol	5.18	59	23939	130.849	ug/l
12) 1,1-Dichloroethene	4.03	96	49697	21.568	ug/l
13) Acrolein	3.89	56	18563	98.749	ug/l
14) Allyl chloride	4.65	41	85863	22.576	ug/l
15) Acrylonitrile	5.37	53	73986	122.915	ug/l
16) Acetone	4.12	43	63601	99.869	ug/l
17) Carbon Disulfide	4.37	76	157543	21.905	ug/l
18) Methyl Acetate	4.67	43	37540	24.557	ug/l
19) Methyl tert-butyl Ether	5.42	73	100965	22.864	ug/l
20) Methylene Chloride	4.91	84	64806	18.022	ug/l
21) trans-1,2-Dichloroethene	5.41	96	56380	22.322	ug/l
22) Diisopropyl ether	6.31	45	189139	24.607	ug/l
23) Vinyl Acetate	6.26	43	553862	113.722	ug/l
24) 1,1-Dichloroethane	6.21	63	109511	23.350	ug/l
25) 2-Butanone	7.18	43	97770	114.083	ug/l
26) 2,2-Dichloropropane	7.17	77	51718	19.210	ug/l
27) cis-1,2-Dichloroethene	7.16	96	60880	22.298	ug/l
28) Bromochloromethane	7.51	49	46987	24.480	ug/l
29) Tetrahydrofuran	7.53	42	65229	122.191	ug/l
30) Chloroform	7.68	83	110277	23.638	ug/l
31) Cyclohexane	7.95	56	89168	20.282	ug/l
32) 1,1,1-Trichloroethane	7.87	97	80401	22.070	ug/l
36) 1,1-Dichloropropene	8.08	75	81593	20.542	ug/l
37) Ethyl Acetate	7.26	43	45361	23.677	ug/l
38) Carbon Tetrachloride	8.07	117	75953	20.465	ug/l

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	86690	18.636	ug/l	93
40) Benzene	8.32	78	246190	22.341	ug/l	97
41) Methacrylonitrile	7.48	41	23039	21.703	ug/l	97
42) 1,2-Dichloroethane	8.40	62	77187	22.959	ug/l	99
43) Isopropyl Acetate	8.43	43	80163	22.372	ug/l	99
44) Trichloroethene	9.09	130	60279	21.103	ug/l	98
45) 1,2-Dichloropropane	9.37	63	65414	23.258	ug/l	98
46) Dibromomethane	9.46	93	33979	23.282	ug/l	98
47) Bromodichloromethane	9.65	83	80522	22.380	ug/l	99
48) Methyl methacrylate	9.44	41	38160	22.021	ug/l	98
49) 1,4-Dioxane	9.45	88	11283	502.944	ug/l	97
51) 4-Methyl-2-Pentanone	10.21	43	223279	116.960	ug/l	98
52) Toluene	10.39	92	152712	22.411	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	77740	20.663	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	90476	21.021	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	47250	23.020	ug/l	99
56) Ethyl methacrylate	10.65	69	56604	21.090	ug/l	96
57) 1,3-Dichloropropane	10.93	76	80131	22.470	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	138495	113.737	ug/l	100
59) 2-Hexanone	10.98	43	150396	111.777	ug/l	96
60) Dibromochloromethane	11.13	129	52672	22.035	ug/l	99
61) 1,2-Dibromoethane	11.24	107	45117	23.100	ug/l	98
64) Tetrachloroethene	10.87	164	56076	22.686	ug/l	96
65) Chlorobenzene	11.66	112	161522	21.086	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	55793	20.960	ug/l	98
67) Ethyl Benzene	11.74	91	270207	20.080	ug/l	100
68) m/p-Xylenes	11.85	106	213382	41.489	ug/l	98
69) o-Xylene	12.17	106	98731	20.695	ug/l	98
70) Styrene	12.19	104	171699	21.547	ug/l	100
71) Bromoform	12.35	173	33118	22.036	ug/l #	99
73) Isopropylbenzene	12.47	105	264581	19.284	ug/l	100
74) N-amyl acetate	12.28	43	77845	21.775	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	58302	21.972	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	40419m	20.968	ug/l	
77) Bromobenzene	12.76	156	67786	20.647	ug/l	97
78) n-propylbenzene	12.81	91	339083	20.144	ug/l	98
79) 2-Chlorotoluene	12.90	91	194034	20.438	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	230151	19.933	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	16521	18.958	ug/l	96
82) 4-Chlorotoluene	12.99	91	212609	20.868	ug/l	99
83) tert-Butylbenzene	13.21	119	187129	19.304	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	244475	20.580	ug/l	99
85) sec-Butylbenzene	13.39	105	283644	19.720	ug/l	100
86) p-Isopropyltoluene	13.51	119	247548	19.621	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	135411	20.650	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	135924	20.669	ug/l	99
89) n-Butylbenzene	13.83	91	231483	18.664	ug/l	99
90) Hexachloroethane	14.10	117	46331	19.922	ug/l	96
91) 1,2-Dichlorobenzene	13.88	146	121716	20.834	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	9887	20.954	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	81301	19.814	ug/l	97
94) Hexachlorobutadiene	15.25	225	45711	19.401	ug/l	99
95) Naphthalene	15.38	128	153629	20.286	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	74048	20.383	ug/l	99

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

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