

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081318\
 Data File : VW004616.D
 Acq On : 11 Aug 2018 01:08
 Operator : SY/AP
 Sample : VW0813SBS02
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0813SBS02

Manual Integrations
 APPROVED

apatel
 8/13/2018 12:57:22 PM

Quant Time: Aug 11 03:46:57 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W080618S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 08:22:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	610993	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	971183	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	921468	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	491233	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	341999	50.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.14%	
35) Dibromofluoromethane	7.88	113	331470	51.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.38%	
50) Toluene-d8	10.33	98	1302332	52.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.50%	
62) 4-Bromofluorobenzene	12.62	95	469821	52.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.66%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	90082	21.48	ug/l	98
3) Chloromethane	2.22	50	124715	21.35	ug/l	99
4) Vinyl Chloride	2.37	62	181851	22.29	ug/l	97
5) Bromomethane	2.78	94	106027	22.31	ug/l	95
6) Chloroethane	2.92	64	107350	22.02	ug/l	97
7) Trichlorofluoromethane	3.25	101	71472	23.71	ug/l	99
8) Diethyl Ether	3.68	74	79797	20.93	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	143773	21.60	ug/l	97
10) Methyl Iodide	4.26	142	217060	21.73	ug/l	99
11) Tert butyl alcohol	5.20	59	38460	97.12	ug/l	97
12) 1,1-Dichloroethene	4.04	96	140943	21.04	ug/l	96
13) Acrolein	3.89	56	45768	94.32	ug/l	99
14) Allyl chloride	4.66	41	218745	21.73	ug/l	100
15) Acrylonitrile	5.37	53	170645	100.72	ug/l	99
16) Acetone	4.13	43	172279	102.00	ug/l	97
17) Carbon Disulfide	4.38	76	463661	21.53	ug/l	99
18) Methyl Acetate	4.68	43	83728	19.88	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	185939	20.34	ug/l	96
20) Methylene Chloride	4.91	84	199189	18.58	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	153068	21.20	ug/l	98
22) Diisopropyl ether	6.31	45	462151	22.34	ug/l	97
23) Vinyl Acetate	6.26	43	1209823	97.31	ug/l	98
24) 1,1-Dichloroethane	6.21	63	284745	21.50	ug/l	99
25) 2-Butanone	7.18	43	255940	94.20	ug/l	98
26) 2,2-Dichloropropane	7.17	77	145623	20.95	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	165708	21.33	ug/l	98
28) Bromochloromethane	7.51	49	122969	21.34	ug/l	99
29) Tetrahydrofuran	7.54	42	133978	95.38	ug/l	98
30) Chloroform	7.68	83	277908	21.37	ug/l	98
31) Cyclohexane	7.96	56	252379	19.92	ug/l	92
32) 1,1,1-Trichloroethane	7.88	97	211741	21.67	ug/l	98
36) 1,1-Dichloropropene	8.09	75	218717	20.92	ug/l	99
37) Ethyl Acetate	7.26	43	93124	19.01	ug/l	98
38) Carbon Tetrachloride	8.07	117	194762	20.70	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	251525	19.62	ug/l	97
40) Benzene	8.32	78	657021	21.40	ug/l	100
41) Methacrylonitrile	7.49	41	51522	18.84	ug/l	98
42) 1,2-Dichloroethane	8.40	62	174320	20.52	ug/l	100
43) Isopropyl Acetate	8.43	43	162838	19.07	ug/l	99
44) Trichloroethene	9.09	130	156636	20.76	ug/l	99
45) 1,2-Dichloropropane	9.37	63	163528	21.26	ug/l	100
46) Dibromomethane	9.46	93	79447	20.29	ug/l	99
47) Bromodichloromethane	9.65	83	188437	20.39	ug/l	100
48) Methyl methacrylate	9.44	41	76597	19.20	ug/l	100
49) 1,4-Dioxane	9.47	88	24719	413.87	ug/l #	100
51) 4-Methyl-2-Pentanone	10.21	43	567615	95.52	ug/l	99
52) Toluene	10.39	92	394231	21.77	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	178928	19.28	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	218505	20.21	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	113516	20.23	ug/l	99
56) Ethyl methacrylate	10.65	69	126270	18.80	ug/l	99
57) 1,3-Dichloropropane	10.94	76	195008	20.16	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.93	63	325911	97.03	ug/l	99
59) 2-Hexanone	10.98	43	377321	93.65	ug/l	98
60) Dibromochloromethane	11.13	129	123205	20.19	ug/l	99
61) 1,2-Dibromoethane	11.24	107	105492	20.01	ug/l	99
64) Tetrachloroethene	10.87	164	139345	21.68	ug/l	97
65) Chlorobenzene	11.66	112	426003	20.98	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	142992	20.68	ug/l	98
67) Ethyl Benzene	11.74	91	720812	20.94	ug/l	100
68) m/p-Xylenes	11.85	106	568621	42.74	ug/l	100
69) o-Xylene	12.17	106	260445	21.11	ug/l	100
70) Styrene	12.18	104	447962	21.49	ug/l	99
71) Bromoform	12.35	173	74367	19.57	ug/l	99
73) Isopropylbenzene	12.47	105	715800	21.07	ug/l	100
74) N-amyl acetate	12.28	43	151948	18.44	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	138517	19.53	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	89999m	17.71	ug/l	
77) Bromobenzene	12.75	156	172146	20.94	ug/l	98
78) n-propylbenzene	12.81	91	894799	21.34	ug/l	100
79) 2-Chlorotoluene	12.90	91	520694	21.46	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	629134	21.71	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	37063	17.45	ug/l	97
82) 4-Chlorotoluene	12.99	91	554133	21.52	ug/l	100
83) tert-Butylbenzene	13.21	119	514725	21.17	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	649533	21.65	ug/l	99
85) sec-Butylbenzene	13.39	105	779427	21.25	ug/l	100
86) p-Isopropyltoluene	13.51	119	678653	21.35	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	357382	21.10	ug/l	99
88) 1,4-Dichlorobenzene	13.59	146	353726	20.98	ug/l	99
89) n-Butylbenzene	13.83	91	643359	20.60	ug/l	100
90) Hexachloroethane	14.10	117	121544	20.67	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	320014	20.82	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	21946	18.94	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	221144	20.78	ug/l	99
94) Hexachlorobutadiene	15.24	225	130741	21.10	ug/l	100
95) Naphthalene	15.38	128	378934	19.17	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	201689	21.09	ug/l	99

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

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