

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082018\
 Data File : VW004810.D
 Acq On : 21 Aug 2018 01:10
 Operator : SY/AP
 Sample : VW0820SBS02
 Misc : 5.05G/5ML/MSVOA W/SOIL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0820SBS02

Manual Integrations
 APPROVED

apatel
 8/21/2018 12:47:39 PM

Quant Time: Aug 21 02:04:56 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W081918S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 18 01:49:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	565520	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	876442	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	819401	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	439964	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	295125	53.98	ug/l	0.00
Spiked Amount			Recovery	=	107.96%	
35) Dibromofluoromethane	7.89	113	296978	53.02	ug/l	0.00
Spiked Amount			Recovery	=	106.04%	
50) Toluene-d8	10.33	98	1169499	53.48	ug/l	0.00
Spiked Amount			Recovery	=	106.96%	
62) 4-Bromofluorobenzene	12.62	95	419535	53.33	ug/l	0.00
Spiked Amount			Recovery	=	106.66%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	75432	20.14	ug/l	98
3) Chloromethane	2.22	50	96905	19.79	ug/l	100
4) Vinyl Chloride	2.37	62	158415	21.97	ug/l	99
5) Bromomethane	2.78	94	100278	22.52	ug/l	99
6) Chloroethane	2.93	64	95214	21.89	ug/l	96
7) Trichlorofluoromethane	3.26	101	77293	22.76	ug/l	98
8) Diethyl Ether	3.68	74	68054	22.16	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	123185	21.06	ug/l	99
10) Methyl Iodide	4.26	142	195245	21.98	ug/l	99
11) Tert butyl alcohol	5.21	59	34451	112.79	ug/l	99
12) 1,1-Dichloroethene	4.03	96	122116	20.95	ug/l	99
13) Acrolein	3.90	56	45559	111.15	ug/l	96
14) Allyl chloride	4.67	41	186207	21.05	ug/l	99
15) Acrylonitrile	5.38	53	141643	109.99	ug/l	99
16) Acetone	4.14	43	139329	99.83	ug/l	97
17) Carbon Disulfide	4.37	76	401163	20.95	ug/l	98
18) Methyl Acetate	4.68	43	66418	22.21	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	169535	22.41	ug/l	97
20) Methylene Chloride	4.91	84	158043	22.42	ug/l	94
21) trans-1,2-Dichloroethene	5.42	96	130654	21.07	ug/l	97
22) Diisopropyl ether	6.32	45	394487	23.21	ug/l	97
23) Vinyl Acetate	6.26	43	1030720	107.20	ug/l	100
24) 1,1-Dichloroethane	6.22	63	239987	21.72	ug/l	100
25) 2-Butanone	7.18	43	208809	105.00	ug/l	100
26) 2,2-Dichloropropane	7.17	77	132335	20.74	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	145190	21.75	ug/l	99
28) Bromochloromethane	7.52	49	101342	21.79	ug/l	98
29) Tetrahydrofuran	7.54	42	109965	108.44	ug/l	100
30) Chloroform	7.68	83	237395	21.85	ug/l	97
31) Cyclohexane	7.96	56	216351	20.25	ug/l	96
32) 1,1,1-Trichloroethane	7.88	97	185357	21.52	ug/l	98
36) 1,1-Dichloropropene	8.09	75	183167	20.29	ug/l	99
37) Ethyl Acetate	7.26	43	78136	21.71	ug/l	97
38) Carbon Tetrachloride	8.07	117	171042	20.58	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	219629	19.45	ug/l	99
40) Benzene	8.32	78	553819	21.11	ug/l	100
41) Methacrylonitrile	7.49	41	47723	23.36	ug/l	97
42) 1,2-Dichloroethane	8.40	62	146326	21.75	ug/l	100
43) Isopropyl Acetate	8.43	43	135238	20.92	ug/l	99
44) Trichloroethene	9.09	130	137633	20.66	ug/l	100
45) 1,2-Dichloropropane	9.37	63	135185	21.06	ug/l	98
46) Dibromomethane	9.46	93	67897	21.35	ug/l	100
47) Bromodichloromethane	9.65	83	158374	20.85	ug/l	97
48) Methyl methacrylate	9.44	41	61750	20.36	ug/l	95
49) 1,4-Dioxane	9.48	88	22460	483.46	ug/l #	84
51) 4-Methyl-2-Pentanone	10.21	43	472707	108.19	ug/l	98
52) Toluene	10.39	92	337457	21.44	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	156157	20.41	ug/l	98
54) cis-1,3-Dichloropropene	10.08	75	191685	21.02	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	99785	22.08	ug/l	98
56) Ethyl methacrylate	10.65	69	110782	20.62	ug/l	99
57) 1,3-Dichloropropane	10.93	76	167370	21.45	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.93	63	274216	109.85	ug/l	99
59) 2-Hexanone	10.98	43	309599	104.58	ug/l	99
60) Dibromochloromethane	11.13	129	105453	20.79	ug/l	100
61) 1,2-Dibromoethane	11.24	107	91977	21.29	ug/l	99
64) Tetrachloroethene	10.87	164	118873	21.23	ug/l	99
65) Chlorobenzene	11.66	112	364207	20.65	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.74	131	119907	20.14	ug/l	98
67) Ethyl Benzene	11.74	91	602215	20.14	ug/l	99
68) m/p-Xylenes	11.85	106	485843	41.77	ug/l	99
69) o-Xylene	12.17	106	223127	20.72	ug/l	98
70) Styrene	12.19	104	382880	21.17	ug/l	99
71) Bromoform	12.35	173	65822	20.94	ug/l	100
73) Isopropylbenzene	12.47	105	626247	20.92	ug/l	100
74) N-amyl acetate	12.28	43	129220	20.97	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	119632	21.58	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	80139m	20.66	ug/l	
77) Bromobenzene	12.76	156	154178	21.28	ug/l	99
78) n-propylbenzene	12.81	91	775921	21.24	ug/l	99
79) 2-Chlorotoluene	12.90	91	450369	21.39	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	550687	21.66	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.52	75	31873	19.10	ug/l	95
82) 4-Chlorotoluene	12.99	91	471517	21.08	ug/l	98
83) tert-Butylbenzene	13.21	119	465429	21.40	ug/l	96
84) 1,2,4-Trimethylbenzene	13.26	105	564037	21.56	ug/l	99
85) sec-Butylbenzene	13.39	105	666977	20.54	ug/l	99
86) p-Isopropyltoluene	13.51	119	583053	20.64	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	306624	20.81	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	311461	21.14	ug/l	99
89) n-Butylbenzene	13.83	91	555053	20.32	ug/l	99
90) Hexachloroethane	14.10	117	102527	19.91	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	278588	21.05	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	17467	20.16	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	198658	21.22	ug/l	99
94) Hexachlorobutadiene	15.24	225	118212	20.57	ug/l	98
95) Naphthalene	15.38	128	328032	20.32	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	176117	21.21	ug/l	99

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

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