

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081918\
 Data File : VW004745.D
 Acq On : 17 Aug 2018 21:04
 Operator : SY/AP
 Sample : VW0819SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0819SBS01

Manual Integrations
 APPROVED

apatel
 8/20/2018 9:54:21 AM

Quant Time: Aug 18 02:53:50 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	644992	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	1008167	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	951749	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	506589	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	324410	52.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.04%	
35) Dibromofluoromethane	7.88	113	323671	50.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.46%	
50) Toluene-d8	10.33	98	1265643	50.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.64%	
62) 4-Bromofluorobenzene	12.62	95	460157	50.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.70%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	91081	21.32	ug/l	99
3) Chloromethane	2.22	50	110119	19.71	ug/l	99
4) Vinyl Chloride	2.37	62	169768	20.65	ug/l	100
5) Bromomethane	2.78	94	104285	20.54	ug/l	98
6) Chloroethane	2.92	64	99496	20.05	ug/l	99
7) Trichlorofluoromethane	3.25	101	64534	16.66	ug/l	94
8) Diethyl Ether	3.68	74	73223	20.91	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.05	101	133313	19.99	ug/l	99
10) Methyl Iodide	4.26	142	205859	20.32	ug/l	100
11) Tert butyl alcohol	5.18	59	45758	131.34	ug/l	98
12) 1,1-Dichloroethene	4.03	96	135965	20.46	ug/l	98
13) Acrolein	3.89	56	51487	110.13	ug/l	98
14) Allyl chloride	4.66	41	199435	19.77	ug/l	99
15) Acrylonitrile	5.37	53	161635	110.05	ug/l	99
16) Acetone	4.12	43	164273	103.20	ug/l	98
17) Carbon Disulfide	4.38	76	438863	20.09	ug/l	100
18) Methyl Acetate	4.67	43	75192	22.04	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	182190	21.12	ug/l	99
20) Methylene Chloride	4.92	84	174365	21.53	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	143599	20.30	ug/l	95
22) Diisopropyl ether	6.31	45	416699	21.49	ug/l	98
23) Vinyl Acetate	6.26	43	1161132	105.88	ug/l	98
24) 1,1-Dichloroethane	6.21	63	258769	20.54	ug/l	99
25) 2-Butanone	7.18	43	248555	109.59	ug/l	99
26) 2,2-Dichloropropane	7.17	77	139606	19.18	ug/l	97
27) cis-1,2-Dichloroethene	7.17	96	155296	20.40	ug/l	97
28) Bromochloromethane	7.51	49	111405	21.00	ug/l	98
29) Tetrahydrofuran	7.54	42	127746	110.45	ug/l	99
30) Chloroform	7.68	83	254842	20.57	ug/l	98
31) Cyclohexane	7.96	56	239435	19.65	ug/l	# 94
32) 1,1,1-Trichloroethane	7.87	97	197939	20.15	ug/l	99
36) 1,1-Dichloropropene	8.09	75	201293	19.38	ug/l	99
37) Ethyl Acetate	7.26	43	87977	21.25	ug/l	99
38) Carbon Tetrachloride	8.07	117	184963	19.35	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	246905	19.01	ug/l	99
40) Benzene	8.32	78	603171	19.98	ug/l	100
41) Methacrylonitrile	7.49	41	51021	21.71	ug/l	99
42) 1,2-Dichloroethane	8.40	62	159252	20.58	ug/l	100
43) Isopropyl Acetate	8.43	43	151121	20.32	ug/l	99
44) Trichloroethene	9.09	130	151626	19.79	ug/l	98
45) 1,2-Dichloropropane	9.37	63	149844	20.30	ug/l	99
46) Dibromomethane	9.46	93	74393	20.34	ug/l	100
47) Bromodichloromethane	9.65	83	174044	19.92	ug/l	98
48) Methyl methacrylate	9.44	41	72734	20.84	ug/l	98
49) 1,4-Dioxane	9.45	88	23422	438.30	ug/l	98
51) 4-Methyl-2-Pentanone	10.21	43	533319	106.11	ug/l	99
52) Toluene	10.39	92	367645	20.31	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	171932	19.54	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	209448	19.96	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	105292	20.25	ug/l	99
56) Ethyl methacrylate	10.65	69	124783	20.26	ug/l	99
57) 1,3-Dichloropropane	10.94	76	183446	20.44	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	324234	112.92	ug/l	98
59) 2-Hexanone	10.98	43	360547	105.87	ug/l	99
60) Dibromochloromethane	11.13	129	117715	20.18	ug/l	98
61) 1,2-Dibromoethane	11.24	107	101163	20.36	ug/l	99
64) Tetrachloroethene	10.87	164	131405	20.20	ug/l	98
65) Chlorobenzene	11.66	112	404183	19.73	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	134374	19.43	ug/l	99
67) Ethyl Benzene	11.74	91	674872	19.43	ug/l	99
68) m/p-Xylenes	11.85	106	537814	39.81	ug/l	99
69) o-Xylene	12.17	106	248744	19.89	ug/l	98
70) Styrene	12.19	104	421637	20.07	ug/l	100
71) Bromoform	12.35	173	71578	19.61	ug/l #	97
73) Isopropylbenzene	12.47	105	676612	19.63	ug/l	100
74) N-amyl acetate	12.28	43	145741	20.62	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	130766	20.48	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	104872m	23.48	ug/l	
77) Bromobenzene	12.75	156	166794	19.99	ug/l	100
78) n-propylbenzene	12.81	91	847867	20.16	ug/l	100
79) 2-Chlorotoluene	12.90	91	484169	19.97	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	594174	20.29	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	37552	19.54	ug/l	99
82) 4-Chlorotoluene	12.99	91	520922	20.23	ug/l	99
83) tert-Butylbenzene	13.21	119	491720	19.63	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	615714	20.44	ug/l	99
85) sec-Butylbenzene	13.39	105	739520	19.78	ug/l	100
86) p-Isopropyltoluene	13.51	119	643124	19.77	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	341571	20.13	ug/l	100
88) 1,4-Dichlorobenzene	13.59	146	340412	20.07	ug/l	99
89) n-Butylbenzene	13.84	91	610134	19.40	ug/l	100
90) Hexachloroethane	14.10	117	113385	19.12	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	306663	20.12	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	20632	20.68	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	218714	20.29	ug/l	99
94) Hexachlorobutadiene	15.24	225	128631	19.44	ug/l	99
95) Naphthalene	15.38	128	381921	20.51	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	199059	20.82	ug/l	100

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

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