

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082018\
 Data File : VW004787.D
 Acq On : 20 Aug 2018 13:37
 Operator : SY/AP
 Sample : VW0820SBSD01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0820SBSD01

Manual Integrations
 APPROVED

apatel
 8/21/2018 11:31:52 AM

Quant Time: Aug 20 14:43:41 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	659336	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	968526	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	879934	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	475324	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	304278	47.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.46%	
35) Dibromofluoromethane	7.89	113	317102	51.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.46%	
50) Toluene-d8	10.33	98	1286623	53.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.50%	
62) 4-Bromofluorobenzene	12.62	95	454797	52.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	94984	21.75	ug/l	96
3) Chloromethane	2.22	50	111861	19.59	ug/l	99
4) Vinyl Chloride	2.37	62	180358	21.46	ug/l	100
5) Bromomethane	2.79	94	111672	21.51	ug/l	97
6) Chloroethane	2.93	64	107308	21.16	ug/l	100
7) Trichlorofluoromethane	3.26	101	96839	24.46	ug/l	96
8) Diethyl Ether	3.68	74	69661	19.46	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	145186	21.29	ug/l	99
10) Methyl Iodide	4.27	142	219000	21.15	ug/l	98
11) Tert butyl alcohol	5.23	59	34297	96.31	ug/l	99
12) 1,1-Dichloroethene	4.04	96	139165	20.48	ug/l	95
13) Acrolein	3.90	56	48182	100.82	ug/l	99
14) Allyl chloride	4.67	41	201831	19.57	ug/l	99
15) Acrylonitrile	5.38	53	143186	95.37	ug/l	99
16) Acetone	4.14	43	159965	98.30	ug/l	100
17) Carbon Disulfide	4.37	76	458593	20.54	ug/l	99
18) Methyl Acetate	4.68	43	65184	18.69	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	179919	20.40	ug/l	95
20) Methylene Chloride	4.91	84	181192	21.97	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	146641	20.28	ug/l	94
22) Diisopropyl ether	6.32	45	406834	20.53	ug/l	98
23) Vinyl Acetate	6.26	43	1083423	96.65	ug/l	100
24) 1,1-Dichloroethane	6.22	63	256143	19.89	ug/l	100
25) 2-Butanone	7.18	43	224053	96.64	ug/l	97
26) 2,2-Dichloropropane	7.17	77	161645	21.73	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	156785	20.15	ug/l	99
28) Bromochloromethane	7.51	49	102179	18.84	ug/l	97
29) Tetrahydrofuran	7.54	42	111948	94.69	ug/l	98
30) Chloroform	7.68	83	249304	19.68	ug/l	100
31) Cyclohexane	7.96	56	254425	20.42	ug/l	96
32) 1,1,1-Trichloroethane	7.88	97	208975	20.81	ug/l	99
36) 1,1-Dichloropropene	8.09	75	206284	20.67	ug/l	99
37) Ethyl Acetate	7.26	43	74219	18.66	ug/l	97
38) Carbon Tetrachloride	8.07	117	195101	21.24	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	263852	21.15	ug/l	99
40) Benzene	8.33	78	594923	20.52	ug/l	99
41) Methacrylonitrile	7.49	41	45797	20.29	ug/l	98
42) 1,2-Dichloroethane	8.41	62	147581	19.85	ug/l	98
43) Isopropyl Acetate	8.43	43	137374	19.23	ug/l	99
44) Trichloroethene	9.09	130	151030	20.52	ug/l	100
45) 1,2-Dichloropropane	9.37	63	143413	20.22	ug/l	98
46) Dibromomethane	9.46	93	69327	19.73	ug/l	99
47) Bromodichloromethane	9.65	83	167073	19.91	ug/l	97
48) Methyl methacrylate	9.44	41	65603	19.57	ug/l	99
49) 1,4-Dioxane	9.48	88	22537	439.00	ug/l #	83
51) 4-Methyl-2-Pentanone	10.21	43	473630	98.09	ug/l	99
52) Toluene	10.39	92	367272	21.12	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	167459	19.81	ug/l	96
54) cis-1,3-Dichloropropene	10.08	75	207498	20.59	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	100704	20.16	ug/l	98
56) Ethyl methacrylate	10.65	69	116192	19.73	ug/l	99
57) 1,3-Dichloropropane	10.94	76	170171	19.74	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	285361	103.45	ug/l	100
59) 2-Hexanone	10.98	43	322817	98.67	ug/l	100
60) Dibromochloromethane	11.13	129	109596	19.56	ug/l	99
61) 1,2-Dibromoethane	11.24	107	94446	19.78	ug/l	99
64) Tetrachloroethene	10.87	164	127362	21.18	ug/l	99
65) Chlorobenzene	11.66	112	390438	20.62	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.74	131	132712	20.75	ug/l	98
67) Ethyl Benzene	11.74	91	661507	20.60	ug/l	97
68) m/p-Xylenes	11.85	106	527543	42.23	ug/l	98
69) o-Xylene	12.17	106	247156	21.37	ug/l	93
70) Styrene	12.19	104	411409	21.18	ug/l	98
71) Bromoform	12.35	173	67982	20.14	ug/l #	97
73) Isopropylbenzene	12.47	105	701132	21.68	ug/l	99
74) N-amyl acetate	12.28	43	129180	19.70	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.72	83	120215	20.07	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	83343m	19.89	ug/l	
77) Bromobenzene	12.76	156	163936	20.94	ug/l	97
78) n-propylbenzene	12.81	91	851573	21.58	ug/l	100
79) 2-Chlorotoluene	12.90	91	474076	20.84	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	593291	21.60	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	36435	20.21	ug/l	99
82) 4-Chlorotoluene	12.99	91	509974	21.10	ug/l	100
83) tert-Butylbenzene	13.21	119	496813	21.14	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	618420	21.88	ug/l	98
85) sec-Butylbenzene	13.39	105	756942	21.58	ug/l	100
86) p-Isopropyltoluene	13.51	119	671738	22.01	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	340740	21.40	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	333555	20.96	ug/l	98
89) n-Butylbenzene	13.83	91	613543	20.79	ug/l	99
90) Hexachloroethane	14.10	117	112909	20.29	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	296838	20.76	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	18047	19.28	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	209977	20.76	ug/l	98
94) Hexachlorobutadiene	15.25	225	135115	21.76	ug/l	99
95) Naphthalene	15.38	128	350307	20.13	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	184561	20.58	ug/l	97

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

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