

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071618\
 Data File : VW003956.D
 Acq On : 16 Jul 2018 17:31
 Operator : VA/AP
 Sample : VW0716SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0716SBS01

Manual Integrations
 APPROVED

apatel
 7/17/2018 10:31:48 AM

Quant Time: Jul 17 05:58:29 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	258200	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	415011	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	396589	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	203939	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	154551	53.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.10%	
35) Dibromofluoromethane	7.88	113	132763	49.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.72%	
50) Toluene-d8	10.33	98	526700	50.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.96%	
62) 4-Bromofluorobenzene	12.62	95	192676	51.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.42%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	31354	21.62	ug/l	100
3) Chloromethane	2.20	50	40689	21.32	ug/l	99
4) Vinyl Chloride	2.35	62	55134	21.00	ug/l	98
5) Bromomethane	2.76	94	34562	21.06	ug/l	98
6) Chloroethane	2.91	64	30308	20.32	ug/l	98
7) Trichlorofluoromethane	3.24	101	16408	14.89	ug/l	90
8) Diethyl Ether	3.67	74	26783	20.94	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.04	101	51143	20.11	ug/l	99
10) Methyl Iodide	4.26	142	70659	19.35	ug/l	99
11) Tert butyl alcohol	5.20	59	19859	99.67	ug/l	97
12) 1,1-Dichloroethene	4.03	96	51219	20.41	ug/l	97
13) Acrolein	3.89	56	21380	104.44	ug/l	92
14) Allyl chloride	4.65	41	72001	17.38	ug/l	99
15) Acrylonitrile	5.37	53	68056	103.82	ug/l	100
16) Acetone	4.12	43	63870	92.09	ug/l	96
17) Carbon Disulfide	4.37	76	155950	19.91	ug/l	99
18) Methyl Acetate	4.67	43	33681	20.23	ug/l	97
19) Methyl tert-butyl Ether	5.43	73	99495	20.69	ug/l	100
20) Methylene Chloride	4.91	84	66168	16.31	ug/l	96
21) trans-1,2-Dichloroethene	5.41	96	55293	20.10	ug/l	92
22) Diisopropyl ether	6.32	45	174788	20.88	ug/l	96
23) Vinyl Acetate	6.26	43	572157	107.87	ug/l	100
24) 1,1-Dichloroethane	6.21	63	103532	20.27	ug/l	98
25) 2-Butanone	7.18	43	101568	108.83	ug/l	95
26) 2,2-Dichloropropane	7.17	77	56037	19.11	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	59878	20.14	ug/l	99
28) Bromochloromethane	7.51	49	46609	22.30	ug/l	99
29) Tetrahydrofuran	7.54	42	63035	108.43	ug/l	100
30) Chloroform	7.67	83	104701	20.61	ug/l	99
31) Cyclohexane	7.95	56	93766	19.58	ug/l	94
32) 1,1,1-Trichloroethane	7.87	97	77877	19.63	ug/l	99
36) 1,1-Dichloropropene	8.08	75	84969	19.90	ug/l	99
37) Ethyl Acetate	7.26	43	43684	21.21	ug/l	100
38) Carbon Tetrachloride	8.07	117	75923	19.03	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	95655	19.13	ug/l	96
40) Benzene	8.32	78	235773	19.90	ug/l	100
41) Methacrylonitrile	7.49	41	24445	21.42	ug/l	93
42) 1,2-Dichloroethane	8.40	62	74760	20.69	ug/l	99
43) Isopropyl Acetate	8.43	43	81978	21.28	ug/l	99
44) Trichloroethene	9.09	130	59658	19.43	ug/l	97
45) 1,2-Dichloropropane	9.37	63	61040	20.19	ug/l	99
46) Dibromomethane	9.46	93	32478	20.70	ug/l	99
47) Bromodichloromethane	9.65	83	78917	20.40	ug/l	96
48) Methyl methacrylate	9.44	41	39780	21.35	ug/l	98
49) 1,4-Dioxane	9.46	88	10413	431.78	ug/l	97
51) 4-Methyl-2-Pentanone	10.21	43	221611	107.99	ug/l	100
52) Toluene	10.39	92	147191	20.09	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	82627	20.43	ug/l	97
54) cis-1,3-Dichloropropene	10.07	75	91203	19.71	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	45376	20.56	ug/l	95
56) Ethyl methacrylate	10.65	69	58983	20.53	ug/l	96
57) 1,3-Dichloropropane	10.94	76	80061	20.88	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.93	63	147272	112.51	ug/l	100
59) 2-Hexanone	10.98	43	154618	106.90	ug/l	99
60) Dibromochloromethane	11.13	129	52028	20.25	ug/l	98
61) 1,2-Dibromoethane	11.24	107	45002	21.43	ug/l	99
64) Tetrachloroethene	10.87	164	52579	19.32	ug/l	98
65) Chlorobenzene	11.66	112	164762	19.54	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	56085	19.14	ug/l	99
67) Ethyl Benzene	11.74	91	286663	19.35	ug/l	98
68) m/p-Xylenes	11.85	106	218828	38.65	ug/l	99
69) o-Xylene	12.17	106	103855	19.77	ug/l	98
70) Styrene	12.19	104	173649	19.79	ug/l	99
71) Bromoform	12.35	173	32771	19.81	ug/l #	99
73) Isopropylbenzene	12.47	105	280230	19.45	ug/l	100
74) N-amyl acetate	12.28	43	78020	20.78	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	57091	20.49	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	45876m	22.66	ug/l	
77) Bromobenzene	12.75	156	67073	19.45	ug/l	99
78) n-propylbenzene	12.81	91	346953	19.62	ug/l	100
79) 2-Chlorotoluene	12.90	91	199414	20.00	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	238795	19.69	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	18303	20.00	ug/l	98
82) 4-Chlorotoluene	12.99	91	210000	19.62	ug/l	99
83) tert-Butylbenzene	13.21	119	201440	19.78	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	244491	19.60	ug/l	98
85) sec-Butylbenzene	13.39	105	300189	19.87	ug/l	99
86) p-Isopropyltoluene	13.51	119	260579	19.66	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	134414	19.52	ug/l	100
88) 1,4-Dichlorobenzene	13.59	146	134874	19.53	ug/l	99
89) n-Butylbenzene	13.83	91	254419	19.53	ug/l	100
90) Hexachloroethane	14.10	117	46267	18.94	ug/l	97
91) 1,2-Dichlorobenzene	13.88	146	121416	19.79	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	10565	21.32	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	89455	20.76	ug/l	97
94) Hexachlorobutadiene	15.25	225	47843	19.33	ug/l	100
95) Naphthalene	15.38	128	178119	22.39	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	79278	20.78	ug/l	99

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

