

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062418\
 Data File : VW003530.D
 Acq On : 25 Jun 2018 01:51
 Operator : SY/AP
 Sample : VW0624SBS02
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0624SBS02

Manual Integrations
 APPROVED

apatel
 6/26/2018 4:40:22 PM

Quant Time: Jun 25 02:18:37 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W061318S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 05:18:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	216306	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	349943	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	324577	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	171918	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	131321	56.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.10%	
35) Dibromofluoromethane	7.89	113	112988	51.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.92%	
50) Toluene-d8	10.33	98	448201	51.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.96%	
62) 4-Bromofluorobenzene	12.62	95	160517	52.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.22%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	15630	23.90	ug/l	94
3) Chloromethane	2.21	50	33739	20.42	ug/l	98
4) Vinyl Chloride	2.36	62	47600	19.76	ug/l	97
5) Bromomethane	2.78	94	31290	19.54	ug/l	97
6) Chloroethane	2.92	64	32697	19.50	ug/l	99
7) Trichlorofluoromethane	3.25	101	27761	19.24	ug/l	95
8) Diethyl Ether	3.68	74	23362	22.04	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	4.05	101	41467	20.69	ug/l	98
10) Methyl Iodide	4.26	142	65230	21.53	ug/l	100
11) Tert butyl alcohol	5.23	59	15581	124.00	ug/l #	84
12) 1,1-Dichloroethene	4.03	96	41393	21.14	ug/l	97
13) Acrolein	3.90	56	14159	78.81	ug/l	95
14) Allyl chloride	4.66	41	73848	21.77	ug/l	99
15) Acrylonitrile	5.39	53	53061	121.66	ug/l	99
16) Acetone	4.15	43	48384	98.47	ug/l	92
17) Carbon Disulfide	4.37	76	118178	20.41	ug/l	98
18) Methyl Acetate	4.68	43	25565	21.93	ug/l	97
19) Methyl tert-butyl Ether	5.42	73	82881	22.60	ug/l	100
20) Methylene Chloride	4.91	84	50803	22.31	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	46454	21.80	ug/l	98
22) Diisopropyl ether	6.31	45	154803	22.68	ug/l	97
23) Vinyl Acetate	6.26	43	439438	111.71	ug/l	99
24) 1,1-Dichloroethane	6.21	63	90215	22.26	ug/l	98
25) 2-Butanone	7.19	43	70275	115.01	ug/l	98
26) 2,2-Dichloropropane	7.17	77	49418	18.27	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	51462	21.98	ug/l	97
28) Bromochloromethane	7.51	49	34329	20.36	ug/l	97
29) Tetrahydrofuran	7.54	42	44930	120.32	ug/l	99
30) Chloroform	7.68	83	92853	22.49	ug/l	99
31) Cyclohexane	7.96	56	75934	20.06	ug/l #	95
32) 1,1,1-Trichloroethane	7.87	97	73107	21.45	ug/l	99
36) 1,1-Dichloropropene	8.08	75	68771	20.35	ug/l	99
37) Ethyl Acetate	7.26	43	33180	23.70	ug/l	99
38) Carbon Tetrachloride	8.07	117	66548	20.07	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	76160	19.48	ug/l	96
40) Benzene	8.32	78	199786	21.45	ug/l	99
41) Methacrylonitrile	7.49	41	19509	22.71	ug/l	97
42) 1,2-Dichloroethane	8.40	62	64635	22.15	ug/l	98
43) Isopropyl Acetate	8.43	43	60499	21.76	ug/l	99
44) Trichloroethene	9.10	130	52227	21.16	ug/l	95
45) 1,2-Dichloropropane	9.37	63	52451	22.11	ug/l	98
46) Dibromomethane	9.46	93	26490	21.81	ug/l	99
47) Bromodichloromethane	9.65	83	66295	21.30	ug/l	99
48) Methyl methacrylate	9.44	41	28985	22.19	ug/l	98
49) 1,4-Dioxane	9.49	88	8162	445.16	ug/l #	1
51) 4-Methyl-2-Pentanone	10.22	43	163180	115.19	ug/l	99
52) Toluene	10.39	92	127003	21.26	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	65400	20.57	ug/l	100
54) cis-1,3-Dichloropropene	10.08	75	73201	20.23	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	37089	21.67	ug/l	99
56) Ethyl methacrylate	10.65	69	45303	21.80	ug/l	98
57) 1,3-Dichloropropane	10.94	76	64791	21.95	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	107976	115.92	ug/l	99
59) 2-Hexanone	10.98	43	109786	110.94	ug/l	98
60) Dibromochloromethane	11.13	129	43367	21.31	ug/l	100
61) 1,2-Dibromoethane	11.24	107	35850	22.15	ug/l	97
64) Tetrachloroethene	10.87	164	48010	22.11	ug/l	96
65) Chlorobenzene	11.66	112	139492	20.64	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.74	131	48262	20.32	ug/l	100
67) Ethyl Benzene	11.74	91	244284	20.39	ug/l	100
68) m/p-Xylenes	11.85	106	189044	41.51	ug/l	98
69) o-Xylene	12.17	106	87659	20.77	ug/l	100
70) Styrene	12.19	104	147450	20.99	ug/l	100
71) Bromoform	12.35	173	24872	20.20	ug/l #	98
73) Isopropylbenzene	12.47	105	243325	20.35	ug/l	99
74) N-amyl acetate	12.28	43	59683	21.93	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	43990	21.75	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	37319m	25.39	ug/l	
77) Bromobenzene	12.75	156	57076	20.50	ug/l	94
78) n-propylbenzene	12.81	91	297211	20.30	ug/l	100
79) 2-Chlorotoluene	12.90	91	172870	20.89	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	207556	20.68	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.52	75	12280	19.23	ug/l	93
82) 4-Chlorotoluene	12.99	91	183460	20.90	ug/l	99
83) tert-Butylbenzene	13.21	119	174294	20.38	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	215459	20.87	ug/l	99
85) sec-Butylbenzene	13.39	105	258750	20.35	ug/l	100
86) p-Isopropyltoluene	13.51	119	225657	20.12	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	118521	20.72	ug/l	99
88) 1,4-Dichlorobenzene	13.59	146	118581	20.85	ug/l	99
89) n-Butylbenzene	13.84	91	217150	19.87	ug/l	100
90) Hexachloroethane	14.10	117	41449	20.43	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	105519	21.06	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7543	22.16	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	72198	20.52	ug/l	99
94) Hexachlorobutadiene	15.25	225	41841	19.77	ug/l	100
95) Naphthalene	15.38	128	127320	21.34	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	65422	21.13	ug/l	100

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

