

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062418\
 Data File : VW003504.D
 Acq On : 24 Jun 2018 12:28
 Operator : SY/AP
 Sample : VW0624SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0624SBS01

Manual Integrations
 APPROVED

apatel
 6/26/2018 12:28:23 PM

Quant Time: Jun 24 23:39:36 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	260697	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	399419	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	363397	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	193522	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	139894	49.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.08%	
35) Dibromofluoromethane	7.88	113	124809	50.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.58%	
50) Toluene-d8	10.33	98	509543	51.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.56%	
62) 4-Bromofluorobenzene	12.62	95	179034	51.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.82%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	22119	28.06	ug/l	90
3) Chloromethane	2.21	50	37813	18.99	ug/l	92
4) Vinyl Chloride	2.36	62	57521	19.81	ug/l	98
5) Bromomethane	2.78	94	34364	17.81	ug/l	99
6) Chloroethane	2.92	64	37395	18.51	ug/l	97
7) Trichlorofluoromethane	3.25	101	36742	21.13	ug/l	95
8) Diethyl Ether	3.68	74	27137	21.24	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	50453	20.89	ug/l	99
10) Methyl Iodide	4.26	142	74382	20.37	ug/l	100
11) Tert butyl alcohol	5.26	59	14864	98.15	ug/l #	84
12) 1,1-Dichloroethene	4.03	96	49230	20.86	ug/l	94
13) Acrolein	3.89	56	16075	74.24	ug/l	97
14) Allyl chloride	4.66	41	84904	20.77	ug/l	99
15) Acrylonitrile	5.38	53	50719	96.49	ug/l	99
16) Acetone	4.15	43	59464	100.41	ug/l	98
17) Carbon Disulfide	4.37	76	142746	20.46	ug/l	99
18) Methyl Acetate	4.68	43	25243	17.97	ug/l	96
19) Methyl tert-butyl Ether	5.42	73	86084	19.48	ug/l	97
20) Methylene Chloride	4.90	84	53411	18.95	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	51516	20.06	ug/l	98
22) Diisopropyl ether	6.31	45	168266	20.45	ug/l	96
23) Vinyl Acetate	6.26	43	464968	98.07	ug/l	100
24) 1,1-Dichloroethane	6.21	63	100852	20.65	ug/l	98
25) 2-Butanone	7.19	43	73808	100.23	ug/l	97
26) 2,2-Dichloropropane	7.17	77	67966	20.85	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	57611	20.42	ug/l	98
28) Bromochloromethane	7.51	49	37859	18.63	ug/l	98
29) Tetrahydrofuran	7.54	42	42439	94.29	ug/l	98
30) Chloroform	7.68	83	102671	20.63	ug/l	99
31) Cyclohexane	7.95	56	93562	20.50	ug/l	94
32) 1,1,1-Trichloroethane	7.87	97	84521	20.58	ug/l	99
36) 1,1-Dichloropropene	8.08	75	82518	21.39	ug/l	99
37) Ethyl Acetate	7.26	43	31545	19.74	ug/l	100
38) Carbon Tetrachloride	8.07	117	79421	20.99	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	95525	21.40	ug/l	96
40) Benzene	8.32	78	225216	21.18	ug/l	100
41) Methacrylonitrile	7.49	41	18537	18.90	ug/l	98
42) 1,2-Dichloroethane	8.40	62	68804	20.65	ug/l	98
43) Isopropyl Acetate	8.43	43	59406	18.72	ug/l	97
44) Trichloroethene	9.09	130	58726	20.84	ug/l	96
45) 1,2-Dichloropropane	9.37	63	56896	21.02	ug/l	98
46) Dibromomethane	9.46	93	27789	20.05	ug/l	97
47) Bromodichloromethane	9.65	83	72533	20.42	ug/l	99
48) Methyl methacrylate	9.44	41	28897	19.38	ug/l	98
49) 1,4-Dioxane	9.49	88	7782	371.86	ug/l	92
51) 4-Methyl-2-Pentanone	10.22	43	155592	96.23	ug/l	100
52) Toluene	10.39	92	142182	20.85	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	71746	19.77	ug/l	98
54) cis-1,3-Dichloropropene	10.08	75	83877	20.31	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	38442	19.68	ug/l	98
56) Ethyl methacrylate	10.65	69	45458	19.17	ug/l	97
57) 1,3-Dichloropropane	10.93	76	68253	20.26	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	104170	97.98	ug/l	99
59) 2-Hexanone	10.98	43	111347	98.58	ug/l	99
60) Dibromochloromethane	11.13	129	45508	19.59	ug/l	99
61) 1,2-Dibromoethane	11.24	107	36142	19.56	ug/l	100
64) Tetrachloroethene	10.87	164	50067	20.60	ug/l	96
65) Chlorobenzene	11.66	112	155959	20.61	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	53577	20.15	ug/l	98
67) Ethyl Benzene	11.74	91	279051	20.80	ug/l	100
68) m/p-Xylenes	11.85	106	213979	41.96	ug/l	100
69) o-Xylene	12.17	106	97543	20.64	ug/l	99
70) Styrene	12.19	104	162020	20.60	ug/l	99
71) Bromoform	12.35	173	25927	18.81	ug/l #	99
73) Isopropylbenzene	12.47	105	279104	20.74	ug/l	99
74) N-amyl acetate	12.28	43	58149	18.98	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	43688	19.19	ug/l	97
76) 1,2,3-Trichloropropane	12.77	75	31484m	19.03	ug/l	
77) Bromobenzene	12.76	156	63195	20.16	ug/l	97
78) n-propylbenzene	12.81	91	350165	21.25	ug/l	100
79) 2-Chlorotoluene	12.90	91	193776	20.80	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	238492	21.11	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	13072	18.18	ug/l	95
82) 4-Chlorotoluene	12.99	91	206886	20.94	ug/l	100
83) tert-Butylbenzene	13.21	119	201534	20.93	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	246577	21.22	ug/l	100
85) sec-Butylbenzene	13.39	105	305677	21.36	ug/l	100
86) p-Isopropyltoluene	13.51	119	268287	21.25	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	134029	20.81	ug/l	99
88) 1,4-Dichlorobenzene	13.59	146	133668	20.88	ug/l	99
89) n-Butylbenzene	13.84	91	263972	21.45	ug/l	100
90) Hexachloroethane	14.10	117	47062	20.61	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	116908	20.72	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.50	75	7254	18.93	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	82182	20.75	ug/l	99
94) Hexachlorobutadiene	15.25	225	50878	21.36	ug/l	99
95) Naphthalene	15.38	128	128411	19.12	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	70390	20.19	ug/l	99

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

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