

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070318\
 Data File : VW003690.D
 Acq On : 03 Jul 2018 11:29
 Operator : SY/AP
 Sample : VW0703SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0703SBS01

Manual Integrations
 APPROVED

apatel
 7/5/2018 11:11:58 AM

Quant Time: Jul 03 13:40:20 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070218S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 03 08:55:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	256379	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	400945	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	369702	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	195510	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	147081	48.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.24%	
35) Dibromofluoromethane	7.88	113	128777	49.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.50%	
50) Toluene-d8	10.33	98	525371	51.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.36%	
62) 4-Bromofluorobenzene	12.62	95	185809	50.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.76%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.00	85	21769m	19.018	ug/l
3) Chloromethane	2.21	50	38333	18.770	ug/l
4) Vinyl Chloride	2.36	62	52511	18.845	ug/l
5) Bromomethane	2.78	94	34114	18.673	ug/l
6) Chloroethane	2.92	64	30868	18.411	ug/l
7) Trichlorofluoromethane	3.25	101	28345	19.130	ug/l
8) Diethyl Ether	3.67	74	24971	18.214	ug/l
9) 1,1,2-Trichlorotrifluoroet	4.05	101	48769	19.806	ug/l
10) Methyl Iodide	4.26	142	66652	18.434	ug/l
11) Tert butyl alcohol	5.21	59	16273	85.082	ug/l
12) 1,1-Dichloroethene	4.03	96	47483	19.347	ug/l
13) Acrolein	3.89	56	10945	117.936	ug/l
14) Allyl chloride	4.66	41	80503	19.179	ug/l
15) Acrylonitrile	5.37	53	57179	89.923	ug/l
16) Acetone	4.14	43	68129	93.376	ug/l
17) Carbon Disulfide	4.37	76	131195	17.807	ug/l
18) Methyl Acetate	4.67	43	28173	18.241	ug/l
19) Methyl tert-butyl Ether	5.43	73	89514	18.673	ug/l
20) Methylene Chloride	4.91	84	58246	18.753	ug/l
21) trans-1,2-Dichloroethene	5.41	96	50592	18.822	ug/l
22) Diisopropyl ether	6.31	45	168197	19.545	ug/l
23) Vinyl Acetate	6.26	43	483454	92.125	ug/l
24) 1,1-Dichloroethane	6.21	63	99227	19.335	ug/l
25) 2-Butanone	7.18	43	84171	90.095	ug/l
26) 2,2-Dichloropropane	7.17	77	64695	20.560	ug/l
27) cis-1,2-Dichloroethene	7.17	96	56766	19.393	ug/l
28) Bromochloromethane	7.51	49	44206	19.596	ug/l
29) Tetrahydrofuran	7.54	42	48770	87.084	ug/l
30) Chloroform	7.67	83	101872	19.631	ug/l
31) Cyclohexane	7.95	56	88906	19.027	ug/l
32) 1,1,1-Trichloroethane	7.87	97	80396	19.902	ug/l
36) 1,1-Dichloropropene	8.08	75	78658	19.543	ug/l
37) Ethyl Acetate	7.26	43	35188	17.961	ug/l
38) Carbon Tetrachloride	8.07	117	76814	20.062	ug/l

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.34	83	88046	18.996	ug/l	96
40) Benzene	8.32	78	224510	19.846	ug/l	100
41) Methacrylonitrile	7.49	41	19361	17.387	ug/l	96
42) 1,2-Dichloroethane	8.40	62	67722	19.013	ug/l	100
43) Isopropyl Acetate	8.43	43	65702	17.807	ug/l	99
44) Trichloroethene	9.09	130	57875	19.790	ug/l	98
45) 1,2-Dichloropropane	9.37	63	58066	19.787	ug/l	98
46) Dibromomethane	9.46	93	28296	18.567	ug/l	98
47) Bromodichloromethane	9.65	83	75184	19.957	ug/l	98
48) Methyl methacrylate	9.44	41	30466	17.938	ug/l	97
49) 1,4-Dioxane	9.47	88	8266	345.751	ug/l #	97
51) 4-Methyl-2-Pentanone	10.21	43	176848	90.958	ug/l	98
52) Toluene	10.39	92	141683	20.070	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	75629	19.350	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	85200	19.228	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	41285	19.228	ug/l	95
56) Ethyl methacrylate	10.65	69	48399	18.330	ug/l	97
57) 1,3-Dichloropropane	10.94	76	71247	19.101	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.93	63	108696	94.711	ug/l	99
59) 2-Hexanone	10.98	43	129479	93.161	ug/l	97
60) Dibromochloromethane	11.13	129	48360	19.267	ug/l	99
61) 1,2-Dibromoethane	11.24	107	38666	18.801	ug/l	98
64) Tetrachloroethene	10.87	164	48587	19.444	ug/l	99
65) Chlorobenzene	11.66	112	156706	20.162	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.74	131	54207	19.956	ug/l	98
67) Ethyl Benzene	11.74	91	272781	20.030	ug/l	99
68) m/p-Xylenes	11.85	106	207628	40.092	ug/l	99
69) o-Xylene	12.17	106	95892	20.030	ug/l	100
70) Styrene	12.19	104	161371	20.068	ug/l	98
71) Bromoform	12.35	173	28622	18.963	ug/l #	98
73) Isopropylbenzene	12.47	105	269911	20.295	ug/l	99
74) N-amyl acetate	12.28	43	64272	18.302	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	48695	18.720	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	35775m	20.351	ug/l	
77) Bromobenzene	12.75	156	63398	19.863	ug/l	99
78) n-propylbenzene	12.81	91	338774	20.620	ug/l	99
79) 2-Chlorotoluene	12.90	91	190503	20.377	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	231451	20.572	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	14799	17.838	ug/l	97
82) 4-Chlorotoluene	12.99	91	202698	20.424	ug/l	99
83) tert-Butylbenzene	13.21	119	195038	20.551	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	238477	20.590	ug/l	100
85) sec-Butylbenzene	13.39	105	294721	20.870	ug/l	100
86) p-Isopropyltoluene	13.51	119	259150	20.980	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	131133	20.244	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	132320	20.442	ug/l	99
89) n-Butylbenzene	13.83	91	251264	20.575	ug/l	98
90) Hexachloroethane	14.10	117	47534	20.714	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	116691	20.147	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	8094	17.858	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	82237	20.137	ug/l	99
94) Hexachlorobutadiene	15.25	225	49039	20.791	ug/l	98
95) Naphthalene	15.38	128	136919	18.486	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	70963	19.507	ug/l	100

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

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