

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092518\
 Data File : VW005603.D
 Acq On : 25 Sep 2018 11:52
 Operator : VA/AP
 Sample : VW0925SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0925SBS01

Manual Integrations
 APPROVED

apatel
 9/26/2018 12:25:52 PM

Quant Time: Sep 25 14:16:43 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W092118S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 21 09:05:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	234995	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	349427	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	317655	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	174212	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	122394	44.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.42%	
35) Dibromofluoromethane	7.89	113	105196	47.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.74%	
50) Toluene-d8	10.33	98	438152	48.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.94%	
62) 4-Bromofluorobenzene	12.62	95	159540	48.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.38%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	33087	21.556	ug/l	92
3) Chloromethane	2.21	50	33497	17.732	ug/l	96
4) Vinyl Chloride	2.37	62	47780	21.160	ug/l	99
5) Bromomethane	2.79	94	29978	19.645	ug/l	97
6) Chloroethane	2.93	64	28884	19.935	ug/l	96
7) Trichlorofluoromethane	3.26	101	35257	19.964	ug/l	99
8) Diethyl Ether	3.68	74	21934	19.013	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	4.06	101	46756	20.915	ug/l	98
10) Methyl Iodide	4.26	142	68962	20.059	ug/l	98
11) Tert butyl alcohol	5.24	59	13705	94.404	ug/l #	72
12) 1,1-Dichloroethene	4.03	96	43221	20.195	ug/l	94
13) Acrolein	3.90	56	10717	100.339	ug/l	99
14) Allyl chloride	4.67	41	71929	19.258	ug/l	99
15) Acrylonitrile	5.37	53	44128	86.153	ug/l	99
16) Acetone	4.14	43	48098	105.043	ug/l	99
17) Carbon Disulfide	4.37	76	132797	19.859	ug/l	98
18) Methyl Acetate	4.68	43	19889	15.158	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	62296	18.858	ug/l	97
20) Methylene Chloride	4.92	84	52234	19.942	ug/l	97
21) trans-1,2-Dichloroethene	5.43	96	46141	19.683	ug/l	91
22) Diisopropyl ether	6.32	45	136665	18.848	ug/l	97
23) Vinyl Acetate	6.26	43	380938	91.918	ug/l	99
24) 1,1-Dichloroethane	6.22	63	85553	19.097	ug/l	98
25) 2-Butanone	7.19	43	58400	86.855	ug/l	95
26) 2,2-Dichloropropane	7.17	77	62677	20.041	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	49213	19.034	ug/l	99
28) Bromochloromethane	7.51	49	31804	17.923	ug/l	97
29) Tetrahydrofuran	7.54	42	35407	84.290	ug/l	98
30) Chloroform	7.68	83	89273	19.302	ug/l	99
31) Cyclohexane	7.96	56	83505	19.456	ug/l	95
32) 1,1,1-Trichloroethane	7.88	97	80604	19.728	ug/l	99
36) 1,1-Dichloropropene	8.09	75	71552	20.342	ug/l	99
37) Ethyl Acetate	7.26	43	26558	17.941	ug/l	98
38) Carbon Tetrachloride	8.07	117	76797	20.374	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	85209	20.532	ug/l	99
40) Benzene	8.32	78	193018	19.367	ug/l	99
41) Methacrylonitrile	7.49	41	15512	18.415	ug/l	99
42) 1,2-Dichloroethane	8.41	62	59169	18.543	ug/l	98
43) Isopropyl Acetate	8.43	43	49917	17.151	ug/l	98
44) Trichloroethene	9.09	130	51773	20.295	ug/l	98
45) 1,2-Dichloropropane	9.37	63	46619	19.013	ug/l	99
46) Dibromomethane	9.46	93	23338	19.050	ug/l	97
47) Bromodichloromethane	9.65	83	62178	18.893	ug/l	98
48) Methyl methacrylate	9.44	41	24119	17.448	ug/l	96
49) 1,4-Dioxane	9.49	88	7552	387.724	ug/l #	100
51) 4-Methyl-2-Pentanone	10.21	43	126143	86.056	ug/l	99
52) Toluene	10.39	92	125222	20.137	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	61377	18.604	ug/l	95
54) cis-1,3-Dichloropropene	10.08	75	72287	19.556	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	32666	18.784	ug/l	99
56) Ethyl methacrylate	10.65	69	38683	18.019	ug/l	97
57) 1,3-Dichloropropane	10.94	76	57260	18.578	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.93	63	96462	99.125	ug/l	97
59) 2-Hexanone	10.98	43	90290	90.673	ug/l	100
60) Dibromochloromethane	11.13	129	39947	19.012	ug/l	100
61) 1,2-Dibromoethane	11.24	107	30105	18.567	ug/l	95
64) Tetrachloroethene	10.87	164	44705	19.829	ug/l	98
65) Chlorobenzene	11.66	112	132837	19.699	ug/l	92
66) 1,1,1,2-Tetrachloroethane	11.74	131	46579	19.192	ug/l	97
67) Ethyl Benzene	11.74	91	236932	19.794	ug/l	98
68) m/p-Xylenes	11.85	106	186463	41.233	ug/l	99
69) o-Xylene	12.17	106	85745	20.246	ug/l	99
70) Styrene	12.19	104	142447	19.986	ug/l	99
71) Bromoform	12.35	173	24065	18.680	ug/l #	98
73) Isopropylbenzene	12.47	105	247211	20.463	ug/l	99
74) N-amyl acetate	12.28	43	47719	17.443	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	36184	18.032	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	26774m	18.029	ug/l	
77) Bromobenzene	12.76	156	55671	19.661	ug/l	97
78) n-propylbenzene	12.81	91	300678	20.557	ug/l	98
79) 2-Chlorotoluene	12.90	91	170604	20.161	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	218592	20.808	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	12476	18.922	ug/l	95
82) 4-Chlorotoluene	12.99	91	182150	20.372	ug/l	100
83) tert-Butylbenzene	13.21	119	183179	20.756	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	224306	21.159	ug/l	99
85) sec-Butylbenzene	13.39	105	268109	20.946	ug/l	100
86) p-Isopropyltoluene	13.51	119	242356	21.124	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	117479	20.290	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	115727	20.097	ug/l	99
89) n-Butylbenzene	13.83	91	226660	20.945	ug/l	99
90) Hexachloroethane	14.10	117	41912	20.156	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	103724	20.294	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7077	18.510	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	74583	20.456	ug/l	98
94) Hexachlorobutadiene	15.24	225	49063	20.771	ug/l	99
95) Naphthalene	15.38	128	117403	19.143	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	63931	19.896	ug/l	97

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

