

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092518\
 Data File : VW005604.D
 Acq On : 25 Sep 2018 12:17
 Operator : VA/AP
 Sample : VW0925SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0925SBS01

Manual Integrations
 APPROVED

apatel
 9/26/2018 12:25:57 PM

Quant Time: Sep 25 14:20:44 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	238881	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	352439	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	326150	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	179846	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	129194	45.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.82%	
35) Dibromofluoromethane	7.89	113	110036	49.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.30%	
50) Toluene-d8	10.33	98	454789	50.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.78%	
62) 4-Bromofluorobenzene	12.62	95	167920	50.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.58%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	33045	21.117	ug/l	100
3) Chloromethane	2.21	50	31458	16.382	ug/l	99
4) Vinyl Chloride	2.37	62	47359	20.633	ug/l	99
5) Bromomethane	2.79	94	31038	20.009	ug/l	96
6) Chloroethane	2.93	64	28051	19.045	ug/l	96
7) Trichlorofluoromethane	3.26	101	36150	20.137	ug/l	93
8) Diethyl Ether	3.68	74	22007	18.766	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.06	101	45976	20.231	ug/l	99
10) Methyl Iodide	4.27	142	69890	19.998	ug/l	98
11) Tert butyl alcohol	5.23	59	14919	101.264	ug/l #	72
12) 1,1-Dichloroethene	4.04	96	43223	19.867	ug/l	100
13) Acrolein	3.90	56	11299	104.860	ug/l	99
14) Allyl chloride	4.67	41	72293	19.040	ug/l	99
15) Acrylonitrile	5.37	53	45585	87.550	ug/l	98
16) Acetone	4.14	43	47799	102.473	ug/l	94
17) Carbon Disulfide	4.37	76	133359	19.619	ug/l	99
18) Methyl Acetate	4.68	43	20842	15.626	ug/l	96
19) Methyl tert-butyl Ether	5.43	73	63425	18.887	ug/l	98
20) Methylene Chloride	4.92	84	52497	19.663	ug/l	95
21) trans-1,2-Dichloroethene	5.43	96	46169	19.375	ug/l	94
22) Diisopropyl ether	6.32	45	139281	18.897	ug/l	97
23) Vinyl Acetate	6.26	43	390038	92.583	ug/l	100
24) 1,1-Dichloroethane	6.22	63	85863	18.855	ug/l	99
25) 2-Butanone	7.19	43	61368	89.785	ug/l	98
26) 2,2-Dichloropropane	7.17	77	60816	19.129	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	49536	18.847	ug/l	98
28) Bromochloromethane	7.52	49	31955	17.715	ug/l	94
29) Tetrahydrofuran	7.54	42	38150	89.343	ug/l	99
30) Chloroform	7.68	83	89464	19.029	ug/l	99
31) Cyclohexane	7.96	56	83971	19.247	ug/l #	87
32) 1,1,1-Trichloroethane	7.88	97	80692	19.429	ug/l	99
36) 1,1-Dichloropropene	8.09	75	71262	20.086	ug/l	99
37) Ethyl Acetate	7.26	43	26945	18.047	ug/l	98
38) Carbon Tetrachloride	8.07	117	77552	20.399	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	84617	20.215	ug/l	99
40) Benzene	8.33	78	195016	19.400	ug/l	98
41) Methacrylonitrile	7.49	41	15989	18.819	ug/l	96
42) 1,2-Dichloroethane	8.40	62	60927	18.931	ug/l	98
43) Isopropyl Acetate	8.43	43	52769	17.976	ug/l	99
44) Trichloroethene	9.10	130	52561	20.427	ug/l	95
45) 1,2-Dichloropropane	9.38	63	46530	18.815	ug/l	100
46) Dibromomethane	9.46	93	23091	18.687	ug/l	97
47) Bromodichloromethane	9.65	83	63509	19.133	ug/l	96
48) Methyl methacrylate	9.44	41	26144	18.751	ug/l	95
49) 1,4-Dioxane	9.49	88	7293	371.227	ug/l #	99
51) 4-Methyl-2-Pentanone	10.21	43	133387	90.220	ug/l	99
52) Toluene	10.39	92	125744	20.048	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	63846	19.187	ug/l	97
54) cis-1,3-Dichloropropene	10.08	75	75098	20.142	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	34212	19.505	ug/l	99
56) Ethyl methacrylate	10.65	69	40861	18.871	ug/l	98
57) 1,3-Dichloropropane	10.94	76	58468	18.808	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	96431	98.247	ug/l	98
59) 2-Hexanone	10.98	43	94296	93.886	ug/l	100
60) Dibromochloromethane	11.13	129	41884	19.763	ug/l	99
61) 1,2-Dibromoethane	11.24	107	31108	19.022	ug/l	96
64) Tetrachloroethene	10.87	164	44628	19.279	ug/l	97
65) Chlorobenzene	11.66	112	136077	19.654	ug/l	91
66) 1,1,1,2-Tetrachloroethane	11.74	131	49384	19.818	ug/l	100
67) Ethyl Benzene	11.74	91	243306	19.797	ug/l	99
68) m/p-Xylenes	11.85	106	186878	40.248	ug/l	100
69) o-Xylene	12.17	106	85817	19.735	ug/l	100
70) Styrene	12.19	104	145146	19.834	ug/l	99
71) Bromoform	12.35	173	24843	18.781	ug/l #	99
73) Isopropylbenzene	12.47	105	250441	20.081	ug/l	100
74) N-amyl acetate	12.28	43	50240	17.790	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	38301	18.489	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	27522m	17.952	ug/l	
77) Bromobenzene	12.76	156	56980	19.493	ug/l	97
78) n-propylbenzene	12.81	91	304027	20.135	ug/l	100
79) 2-Chlorotoluene	12.90	91	174640	19.991	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	220329	20.317	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	12695	18.651	ug/l	99
82) 4-Chlorotoluene	12.99	91	184334	19.971	ug/l	100
83) tert-Butylbenzene	13.21	119	183689	20.161	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	221644	20.253	ug/l	97
85) sec-Butylbenzene	13.39	105	270008	20.434	ug/l	100
86) p-Isopropyltoluene	13.51	119	244330	20.629	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	119303	19.960	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	117409	19.750	ug/l	98
89) n-Butylbenzene	13.83	91	229502	20.544	ug/l	99
90) Hexachloroethane	14.10	117	42372	19.738	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	105162	19.930	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	6973	17.667	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	76940	20.441	ug/l	99
94) Hexachlorobutadiene	15.25	225	49891	20.460	ug/l	98
95) Naphthalene	15.38	128	123132	19.448	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	67490	20.346	ug/l	99

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

