

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW122118\
 Data File : VW007723.D
 Acq On : 20 Dec 2018 03:48
 Operator : SY/AP
 Sample : VW1221SBS02
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1221SBS02

Manual Integrations
 APPROVED

apatel
 12/20/2018 11:20:25 AM

Quant Time: Dec 20 07:47:27 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W122118S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 20 06:30:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	73605	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	124045	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	112981	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	56978	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	43835	54.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.68%	
35) Dibromofluoromethane	7.88	113	39856	52.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.34%	
50) Toluene-d8	10.32	98	153899	53.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.90%	
62) 4-Bromofluorobenzene	12.62	95	58994	53.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.06%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	10260	15.680	ug/l	98
3) Chloromethane	2.21	50	9037	22.491	ug/l	95
4) Vinyl Chloride	2.37	62	11298	22.089	ug/l	99
5) Bromomethane	2.78	94	8401	23.582	ug/l #	78
6) Chloroethane	2.93	64	6652	24.310	ug/l	94
7) Trichlorofluoromethane	3.26	101	9531	17.899	ug/l	91
8) Diethyl Ether	3.68	74	7249	22.225	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	4.06	101	14519	18.513	ug/l	95
10) Methyl Iodide	4.26	142	25704	20.610	ug/l	97
11) Tert butyl alcohol	5.17	59	6213	114.165	ug/l #	73
12) 1,1-Dichloroethene	4.03	96	14558	20.047	ug/l	96
13) Acrolein	3.88	56	4864	111.783	ug/l	97
14) Allyl chloride	4.67	41	20709	21.746	ug/l	95
15) Acrylonitrile	5.37	53	14569	104.716	ug/l	100
16) Acetone	4.12	43	13383	88.588	ug/l	98
17) Carbon Disulfide	4.37	76	44093	19.621	ug/l #	94
18) Methyl Acetate	4.67	43	7441	20.711	ug/l	98
19) Methyl tert-butyl Ether	5.42	73	23510	22.550	ug/l	94
20) Methylene Chloride	4.91	84	19539	22.379	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	16164	20.238	ug/l	89
22) Diisopropyl ether	6.31	45	40243	22.568	ug/l	96
23) Vinyl Acetate	6.26	43	112367	106.063	ug/l	99
24) 1,1-Dichloroethane	6.21	63	27991	21.338	ug/l	97
25) 2-Butanone	7.17	43	17296	97.746	ug/l	93
26) 2,2-Dichloropropane	7.17	77	18087	18.842	ug/l	97
27) cis-1,2-Dichloroethene	7.17	96	18418	21.645	ug/l	99
28) Bromochloromethane	7.51	49	9646	21.567	ug/l	98
29) Tetrahydrofuran	7.53	42	11350	107.535	ug/l	99
30) Chloroform	7.68	83	30625	20.629	ug/l	97
31) Cyclohexane	7.95	56	23933	19.929	ug/l	91
32) 1,1,1-Trichloroethane	7.87	97	27017	19.982	ug/l	99
36) 1,1-Dichloropropene	8.08	75	22845	19.081	ug/l	99
37) Ethyl Acetate	7.25	43	8064	19.516	ug/l	98
38) Carbon Tetrachloride	8.07	117	25168	17.850	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	27432	18.439	ug/l	99
40) Benzene	8.32	78	64807	20.285	ug/l	99
41) Methacrylonitrile	7.49	41	5288	22.541	ug/l	92
42) 1,2-Dichloroethane	8.40	62	21033	19.645	ug/l	99
43) Isopropyl Acetate	8.43	43	16765	20.252	ug/l	99
44) Trichloroethene	9.09	130	18795	19.453	ug/l	99
45) 1,2-Dichloropropane	9.37	63	15045	21.223	ug/l	98
46) Dibromomethane	9.46	93	8738	20.024	ug/l	99
47) Bromodichloromethane	9.64	83	22224	19.372	ug/l	100
48) Methyl methacrylate	9.43	41	7963m	19.271	ug/l	
49) 1,4-Dioxane	9.45	88	2830	409.037	ug/l	97
51) 4-Methyl-2-Pentanone	10.21	43	38868	99.351	ug/l	100
52) Toluene	10.39	92	42700	19.920	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	21760	19.069	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	24825	19.696	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	12041	20.015	ug/l	99
56) Ethyl methacrylate	10.65	69	14701	20.683	ug/l	98
57) 1,3-Dichloropropane	10.93	76	20720	20.741	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	33617	103.588	ug/l	98
59) 2-Hexanone	10.97	43	26970	98.025	ug/l	99
60) Dibromochloromethane	11.13	129	15830	19.873	ug/l	99
61) 1,2-Dibromoethane	11.24	107	12327	20.234	ug/l	96
64) Tetrachloroethene	10.87	164	16487	20.607	ug/l	95
65) Chlorobenzene	11.66	112	48833	19.969	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	17555	20.091	ug/l	97
67) Ethyl Benzene	11.73	91	84086	20.038	ug/l	100
68) m/p-Xylenes	11.84	106	65049	39.961	ug/l	98
69) o-Xylene	12.17	106	31956	20.943	ug/l	96
70) Styrene	12.18	104	51528	20.544	ug/l	99
71) Bromoform	12.35	173	8814	19.431	ug/l #	100
73) Isopropylbenzene	12.47	105	87530	20.323	ug/l	99
74) N-amyl acetate	12.27	43	15405	20.650	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.72	83	12781	19.792	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	8096m	18.384	ug/l	
77) Bromobenzene	12.75	156	19968	20.230	ug/l	98
78) n-propylbenzene	12.80	91	101061	20.158	ug/l	98
79) 2-Chlorotoluene	12.90	91	59099	20.235	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	74680	20.102	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.51	75	3750	17.874	ug/l	93
82) 4-Chlorotoluene	12.99	91	63660	20.471	ug/l	100
83) tert-Butylbenzene	13.21	119	66623	20.439	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	78561	20.957	ug/l	99
85) sec-Butylbenzene	13.39	105	90460	20.136	ug/l	99
86) p-Isopropyltoluene	13.51	119	81758	20.014	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	39762	20.289	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	39522	20.161	ug/l	100
89) n-Butylbenzene	13.83	91	72464	19.347	ug/l	99
90) Hexachloroethane	14.10	117	13808	19.254	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	35932	20.478	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	2771	20.895	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	24431	20.059	ug/l	98
94) Hexachlorobutadiene	15.24	225	13183	20.253	ug/l	96
95) Naphthalene	15.38	128	47127	20.928	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	20699	19.853	ug/l	99

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

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