

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW121718\
 Data File : VW007524.D
 Acq On : 14 Dec 2018 10:23
 Operator : SY/AP
 Sample : VW1217SBS01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1217SBS01

Manual Integrations
 APPROVED

apatel
 12/17/2018 1:44:23 PM

Quant Time: Dec 14 11:04:32 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 11 02:58:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	74595	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	128959	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	114283	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	56164	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	41344	49.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.92%	
35) Dibromofluoromethane	7.88	113	38469	49.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.56%	
50) Toluene-d8	10.32	98	149151	50.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.92%	
62) 4-Bromofluorobenzene	12.62	95	56232	52.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.50%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	11633	22.316	ug/l	98
3) Chloromethane	2.21	50	9825	22.505	ug/l	99
4) Vinyl Chloride	2.37	62	11822	23.075	ug/l	99
5) Bromomethane	2.78	94	7629	22.163	ug/l	90
6) Chloroethane	2.93	64	6662	23.623	ug/l	99
7) Trichlorofluoromethane	3.25	101	9441	20.497	ug/l	97
8) Diethyl Ether	3.68	74	8106	22.485	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	16803	22.109	ug/l	98
10) Methyl Iodide	4.26	142	28934	22.986	ug/l	99
11) Tert butyl alcohol	5.18	59	5966	104.968	ug/l #	92
12) 1,1-Dichloroethene	4.03	96	16801	22.960	ug/l	94
13) Acrolein	3.89	56	3311	88.039	ug/l	100
14) Allyl chloride	4.66	41	23638	21.915	ug/l	99
15) Acrylonitrile	5.37	53	16491	108.512	ug/l	99
16) Acetone	4.12	43	14002	96.865	ug/l	98
17) Carbon Disulfide	4.37	76	50181	22.617	ug/l	98
18) Methyl Acetate	4.67	43	9361	23.860	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	25397	23.007	ug/l	100
20) Methylene Chloride	4.91	84	19828	22.965	ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	18507	22.609	ug/l	93
22) Diisopropyl ether	6.31	45	46455	22.407	ug/l	97
23) Vinyl Acetate	6.25	43	119712	103.231	ug/l	99
24) 1,1-Dichloroethane	6.21	63	31422	22.424	ug/l	97
25) 2-Butanone	7.17	43	18623	98.684	ug/l	91
26) 2,2-Dichloropropane	7.16	77	18456	19.901	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	20120	22.448	ug/l	98
28) Bromochloromethane	7.51	49	11057	20.978	ug/l	96
29) Tetrahydrofuran	7.52	42	12971	108.573	ug/l	99
30) Chloroform	7.67	83	33468	21.948	ug/l	99
31) Cyclohexane	7.95	56	27512	21.400	ug/l	91
32) 1,1,1-Trichloroethane	7.87	97	30212	22.593	ug/l	99
36) 1,1-Dichloropropene	8.08	75	25532	21.703	ug/l	99
37) Ethyl Acetate	7.25	43	9225	21.083	ug/l	96
38) Carbon Tetrachloride	8.07	117	28376	22.168	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	30630	21.502	ug/l	96
40) Benzene	8.32	78	72254	22.132	ug/l	99
41) Methacrylonitrile	7.49	41	4680	18.783	ug/l #	84
42) 1,2-Dichloroethane	8.40	62	22751	22.184	ug/l	98
43) Isopropyl Acetate	8.43	43	17718	20.500	ug/l	97
44) Trichloroethene	9.09	130	21110	22.644	ug/l	96
45) 1,2-Dichloropropane	9.37	63	17012	22.518	ug/l	98
46) Dibromomethane	9.46	93	9719	22.653	ug/l	94
47) Bromodichloromethane	9.65	83	25021	22.233	ug/l	95
48) Methyl methacrylate	9.44	41	9192	20.708	ug/l	97
49) 1,4-Dioxane	9.45	88	3207	460.682	ug/l #	89
51) 4-Methyl-2-Pentanone	10.21	43	42376	103.767	ug/l	99
52) Toluene	10.38	92	48354	22.887	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	23169	21.206	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	26649	21.100	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	13157	22.532	ug/l	97
56) Ethyl methacrylate	10.65	69	15156	21.594	ug/l	97
57) 1,3-Dichloropropane	10.93	76	22994	23.992	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.92	63	33735	104.231	ug/l	100
59) 2-Hexanone	10.97	43	28514	104.713	ug/l	99
60) Dibromochloromethane	11.13	129	16659	22.607	ug/l	98
61) 1,2-Dibromoethane	11.24	107	12942	22.428	ug/l	97
64) Tetrachloroethene	10.86	164	20067	24.417	ug/l	93
65) Chlorobenzene	11.66	112	53654	22.525	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	18895	22.522	ug/l	98
67) Ethyl Benzene	11.73	91	91950	22.452	ug/l #	86
68) m/p-Xylenes	11.84	106	73637	46.252	ug/l	97
69) o-Xylene	12.16	106	34857	23.443	ug/l	98
70) Styrene	12.18	104	57400	23.900	ug/l	96
71) Bromoform	12.35	173	9476	22.068	ug/l #	97
73) Isopropylbenzene	12.47	105	96944	22.527	ug/l	100
74) N-amyl acetate	12.27	43	16269	20.801	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.71	83	14245	22.349	ug/l	95
76) 1,2,3-Trichloropropane	12.77	75	10750m	23.214	ug/l	
77) Bromobenzene	12.75	156	21168	22.191	ug/l	95
78) n-propylbenzene	12.80	91	111611	23.045	ug/l	100
79) 2-Chlorotoluene	12.90	91	66071	22.546	ug/l	97
80) 1,3,5-Trimethylbenzene	12.94	105	81807	22.624	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	3997	19.066	ug/l	95
82) 4-Chlorotoluene	12.99	91	69421	22.473	ug/l	96
83) tert-Butylbenzene	13.21	119	71608	22.474	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	85000	22.843	ug/l	98
85) sec-Butylbenzene	13.39	105	100295	23.059	ug/l	95
86) p-Isopropyltoluene	13.51	119	87776	22.463	ug/l	98
87) 1,3-Dichlorobenzene	13.50	146	43800	23.029	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	42645	22.303	ug/l	97
89) n-Butylbenzene	13.83	91	79206	21.865	ug/l	98
90) Hexachloroethane	14.10	117	15174	21.825	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	38130	22.384	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	2792	21.827	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	25448	21.707	ug/l	95
94) Hexachlorobutadiene	15.24	225	12734	20.472	ug/l	98
95) Naphthalene	15.38	128	48647	21.692	ug/l	98
96) 1,2,3-Trichlorobenzene	15.57	180	21839	21.445	ug/l	95

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

