

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW120518\
 Data File : VW007231.D
 Acq On : 05 Dec 2018 15:21
 Operator : SY/AP
 Sample : VW1205SBS01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1205SBS01

Manual Integrations
 APPROVED

apatel
 12/6/2018 12:55:42 PM

Quant Time: Dec 06 06:36:36 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W120418S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 05 01:35:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	104948	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	160298	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	148866	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	75672	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	47617	48.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.46%	
35) Dibromofluoromethane	7.88	113	46194	50.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.66%	
50) Toluene-d8	10.33	98	206157	50.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.98%	
62) 4-Bromofluorobenzene	12.62	95	78116	51.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.38%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	26468	23.051	ug/l	99
3) Chloromethane	2.22	50	28942	19.904	ug/l	97
4) Vinyl Chloride	2.36	62	19781	21.727	ug/l	100
5) Bromomethane	2.76	94	12496	27.391	ug/l	96
6) Chloroethane	2.92	64	11049	21.630	ug/l	96
7) Trichlorofluoromethane	3.26	101	38597	21.745	ug/l	96
8) Diethyl Ether	3.69	74	9446	19.092	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.07	101	22523	21.005	ug/l	98
10) Methyl Iodide	4.28	142	12342	13.512	ug/l	97
11) Tert butyl alcohol	5.17	59	7945	71.683	ug/l #	94
12) 1,1-Dichloroethene	4.04	96	20995	20.894	ug/l	98
13) Acrolein	3.90	56	6251	91.302	ug/l	100
14) Allyl chloride	4.67	41	32857	20.400	ug/l	99
15) Acrylonitrile	5.38	53	19122	92.450	ug/l	100
16) Acetone	4.12	43	20254	87.560	ug/l	98
17) Carbon Disulfide	4.38	76	68031	20.539	ug/l	96
18) Methyl Acetate	4.68	43	9762	18.489	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	46270	19.558	ug/l	96
20) Methylene Chloride	4.92	84	26029	19.124	ug/l	94
21) trans-1,2-Dichloroethene	5.43	96	23641	21.070	ug/l	97
22) Diisopropyl ether	6.31	45	58987	20.401	ug/l #	93
23) Vinyl Acetate	6.26	43	151313	95.908	ug/l	100
24) 1,1-Dichloroethane	6.22	63	38842	20.959	ug/l	100
25) 2-Butanone	7.17	43	22660	84.508	ug/l	99
26) 2,2-Dichloropropane	7.17	77	37551	21.085	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	25045	20.822	ug/l	99
28) Bromochloromethane	7.52	49	13621	20.383	ug/l	99
29) Tetrahydrofuran	7.53	42	15109	91.183	ug/l	99
30) Chloroform	7.68	83	39413	20.464	ug/l	98
31) Cyclohexane	7.96	56	40335	20.802	ug/l #	93
32) 1,1,1-Trichloroethane	7.87	97	38938	21.483	ug/l	99
36) 1,1-Dichloropropene	8.09	75	33803	21.672	ug/l	100
37) Ethyl Acetate	7.25	43	10592	18.774	ug/l	98
38) Carbon Tetrachloride	8.07	117	34400	21.608	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	43912	21.031	ug/l	98
40) Benzene	8.32	78	90677	21.201	ug/l	99
41) Methacrylonitrile	7.48	41	5664	16.760	ug/l #	86
42) 1,2-Dichloroethane	8.40	62	24594	20.575	ug/l	98
43) Isopropyl Acetate	8.43	43	20107	18.350	ug/l	99
44) Trichloroethene	9.09	130	25681	21.361	ug/l	100
45) 1,2-Dichloropropane	9.37	63	20927	21.026	ug/l	93
46) Dibromomethane	9.46	93	10689	20.668	ug/l	98
47) Bromodichloromethane	9.64	83	28789	21.162	ug/l	96
48) Methyl methacrylate	9.44	41	11000	19.342	ug/l	96
49) 1,4-Dioxane	9.45	88	3421	378.657	ug/l	94
51) 4-Methyl-2-Pentanone	10.21	43	49311	91.317	ug/l	100
52) Toluene	10.39	92	63587	21.373	ug/l	97
53) t-1,3-Dichloropropene	10.60	75	28115	20.556	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	33467	20.879	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	15136	20.575	ug/l	98
56) Ethyl methacrylate	10.65	69	18305	19.076	ug/l	99
57) 1,3-Dichloropropane	10.93	76	25051	20.170	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	42417	110.049	ug/l	98
59) 2-Hexanone	10.97	43	35912	91.740	ug/l	99
60) Dibromochloromethane	11.13	129	18523	20.487	ug/l	95
61) 1,2-Dibromoethane	11.24	107	14213	20.144	ug/l	97
64) Tetrachloroethene	10.87	164	22480	20.669	ug/l	93
65) Chlorobenzene	11.66	112	70871	21.316	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.73	131	21154	20.602	ug/l	98
67) Ethyl Benzene	11.73	91	129153	21.314	ug/l	98
68) m/p-Xylenes	11.84	106	101474	42.686	ug/l	97
69) o-Xylene	12.17	106	47668	21.462	ug/l	98
70) Styrene	12.18	104	76992	21.176	ug/l	99
71) Bromoform	12.35	173	9955	19.367	ug/l #	98
73) Isopropylbenzene	12.47	105	131752	21.407	ug/l	99
74) N-amyl acetate	12.27	43	20422	18.715	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	15864	19.847	ug/l	96
76) 1,2,3-Trichloropropane	12.77	75	10333m	17.635	ug/l	
77) Bromobenzene	12.75	156	27539	20.729	ug/l	100
78) n-propylbenzene	12.81	91	157657	21.501	ug/l	97
79) 2-Chlorotoluene	12.90	91	88941	21.480	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	112122	21.295	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.52	75	5067	18.639	ug/l	97
82) 4-Chlorotoluene	12.99	91	94943	21.553	ug/l	97
83) tert-Butylbenzene	13.21	119	99848	21.700	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	113498	21.118	ug/l	95
85) sec-Butylbenzene	13.39	105	140655	21.413	ug/l	98
86) p-Isopropyltoluene	13.51	119	125573	21.475	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	58338	21.391	ug/l	97
88) 1,4-Dichlorobenzene	13.58	146	56472	20.499	ug/l	98
89) n-Butylbenzene	13.83	91	118632	21.710	ug/l	99
90) Hexachloroethane	14.10	117	18924	21.237	ug/l	96
91) 1,2-Dichlorobenzene	13.88	146	50435	21.362	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	2882	18.612	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	32958	20.143	ug/l	98
94) Hexachlorobutadiene	15.24	225	18577	21.055	ug/l	98
95) Naphthalene	15.38	128	53974	18.406	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	27032	19.593	ug/l	99

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

