

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW122018\
 Data File : VW007651.D
 Acq On : 18 Dec 2018 12:07
 Operator : SY/AP
 Sample : VW1220SBS01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1220SBS01

Manual Integrations
 APPROVED

apatel
 12/19/2018 12:15:07 PM

Quant Time: Dec 19 04:22:24 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	70249	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	111047	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	98606	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	51398	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	37848	48.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.12%	
35) Dibromofluoromethane	7.88	113	34698	51.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.24%	
50) Toluene-d8	10.32	98	130244	51.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.36%	
62) 4-Bromofluorobenzene	12.62	95	50056	54.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.04%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	11763	23.962	ug/l	94
3) Chloromethane	2.21	50	7548	18.359	ug/l	94
4) Vinyl Chloride	2.37	62	10016	20.759	ug/l	93
5) Bromomethane	2.78	94	6624	20.434	ug/l	88
6) Chloroethane	2.92	64	5527	20.810	ug/l	95
7) Trichlorofluoromethane	3.25	101	10202	23.519	ug/l	95
8) Diethyl Ether	3.67	74	7049	20.763	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	15560	21.740	ug/l	95
10) Methyl Iodide	4.26	142	24513	20.679	ug/l	96
11) Tert butyl alcohol	5.18	59	5352	99.990	ug/l	96
12) 1,1-Dichloroethene	4.03	96	14527	21.080	ug/l	94
13) Acrolein	3.90	56	3336	94.191	ug/l	100
14) Allyl chloride	4.66	41	19483	19.180	ug/l	94
15) Acrylonitrile	5.37	53	13646	95.346	ug/l	98
16) Acetone	4.12	43	15413	113.222	ug/l	95
17) Carbon Disulfide	4.37	76	43460	20.800	ug/l	100
18) Methyl Acetate	4.67	43	7404	20.039	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	21407	20.592	ug/l	97
20) Methylene Chloride	4.91	84	15918	18.950	ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	15660	20.314	ug/l	99
22) Diisopropyl ether	6.32	45	38011	19.468	ug/l	99
23) Vinyl Acetate	6.25	43	106602	97.613	ug/l	99
24) 1,1-Dichloroethane	6.21	63	26344	19.964	ug/l	97
25) 2-Butanone	7.17	43	17223	96.912	ug/l	100
26) 2,2-Dichloropropane	7.17	77	20429	23.392	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	17053	20.203	ug/l	95
28) Bromochloromethane	7.51	49	9488	19.115	ug/l	94
29) Tetrahydrofuran	7.53	42	10581	94.047	ug/l	94
30) Chloroform	7.68	83	29776	20.735	ug/l	98
31) Cyclohexane	7.95	56	23775	19.637	ug/l #	94
32) 1,1,1-Trichloroethane	7.87	97	27104	21.523	ug/l	99
36) 1,1-Dichloropropene	8.08	75	22672	22.381	ug/l	100
37) Ethyl Acetate	7.25	43	7627	20.243	ug/l	98
38) Carbon Tetrachloride	8.06	117	27160	24.641	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	29215	23.817	ug/l	94
40) Benzene	8.32	78	61867	22.007	ug/l	99
41) Methacrylonitrile	7.48	41	4548	21.197	ug/l	93
42) 1,2-Dichloroethane	8.40	62	20574	23.297	ug/l	98
43) Isopropyl Acetate	8.42	43	15142	20.345	ug/l	97
44) Trichloroethene	9.09	130	18580	23.144	ug/l	94
45) 1,2-Dichloropropane	9.37	63	14151	21.752	ug/l	100
46) Dibromomethane	9.46	93	8308	22.488	ug/l	95
47) Bromodichloromethane	9.65	83	21600	22.290	ug/l	92
48) Methyl methacrylate	9.43	41	7502	19.627	ug/l	92
49) 1,4-Dioxane	9.45	88	2467	411.544	ug/l	95
51) 4-Methyl-2-Pentanone	10.21	43	36397	103.502	ug/l	98
52) Toluene	10.39	92	41253	22.675	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	21329	22.671	ug/l	93
54) cis-1,3-Dichloropropene	10.07	75	23876	21.954	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	11073	22.022	ug/l	93
56) Ethyl methacrylate	10.65	69	13190	21.825	ug/l	98
57) 1,3-Dichloropropane	10.93	76	18834	22.821	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.93	63	30357	108.923	ug/l	98
59) 2-Hexanone	10.97	43	26037	111.040	ug/l	100
60) Dibromochloromethane	11.13	129	14398	22.690	ug/l	96
61) 1,2-Dibromoethane	11.24	107	10866	21.868	ug/l	100
64) Tetrachloroethene	10.87	164	15132	21.340	ug/l	97
65) Chlorobenzene	11.66	112	45693	22.232	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	17203	23.766	ug/l	97
67) Ethyl Benzene	11.73	91	81987	23.202	ug/l	93
68) m/p-Xylenes	11.84	106	62822	45.732	ug/l	99
69) o-Xylene	12.17	106	29208	22.766	ug/l	93
70) Styrene	12.18	104	48833	23.566	ug/l	97
71) Bromoform	12.35	173	8323	22.464	ug/l #	95
73) Isopropylbenzene	12.47	105	85231	21.641	ug/l	99
74) N-amyl acetate	12.27	43	14343	20.039	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	12503	21.435	ug/l	94
76) 1,2,3-Trichloropropane	12.77	75	10117m	23.873	ug/l	
77) Bromobenzene	12.75	156	18709	21.431	ug/l	94
78) n-propylbenzene	12.81	91	99801	22.517	ug/l	99
79) 2-Chlorotoluene	12.90	91	57347	21.384	ug/l	95
80) 1,3,5-Trimethylbenzene	12.94	105	73602	22.242	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	4015	20.928	ug/l	95
82) 4-Chlorotoluene	12.99	91	60947	21.559	ug/l	97
83) tert-Butylbenzene	13.21	119	64855	22.242	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	73497	21.583	ug/l	99
85) sec-Butylbenzene	13.39	105	90632	22.769	ug/l	96
86) p-Isopropyltoluene	13.51	119	81550	22.805	ug/l	98
87) 1,3-Dichlorobenzene	13.51	146	38409	22.067	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	38068	21.756	ug/l	98
89) n-Butylbenzene	13.83	91	76041	22.938	ug/l	99
90) Hexachloroethane	14.10	117	14268	22.425	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	34480	22.118	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	2495	21.314	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	23655	22.049	ug/l	95
94) Hexachlorobutadiene	15.24	225	12550	22.047	ug/l	99
95) Naphthalene	15.38	128	43153	21.026	ug/l	98
96) 1,2,3-Trichlorobenzene	15.56	180	20504	22.001	ug/l	98

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

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