

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW122118\
 Data File : VW007724.D
 Acq On : 20 Dec 2018 04:14
 Operator : SY/AP
 Sample : VW1221SBS02
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1221SBS02

Manual Integrations
 APPROVED

apatel
 12/20/2018 11:20:43 AM

Quant Time: Dec 20 07:48:37 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	74555	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	123905	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	112332	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	56198	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	43879	53.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.40%	
35) Dibromofluoromethane	7.88	113	40212	53.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.40%	
50) Toluene-d8	10.32	98	152783	53.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.24%	
62) 4-Bromofluorobenzene	12.62	95	58281	52.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.88%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	12260	18.498	ug/l	96
3) Chloromethane	2.21	50	9840	24.178	ug/l	95
4) Vinyl Chloride	2.37	62	12459	24.048	ug/l	94
5) Bromomethane	2.78	94	8850	24.526	ug/l	91
6) Chloroethane	2.93	64	7087	25.569	ug/l	98
7) Trichlorofluoromethane	3.26	101	10910	20.227	ug/l	89
8) Diethyl Ether	3.68	74	7663	23.195	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	4.06	101	16561	20.848	ug/l	98
10) Methyl Iodide	4.26	142	28339	22.433	ug/l	99
11) Tert butyl alcohol	5.17	59	6357	115.323	ug/l	100
12) 1,1-Dichloroethene	4.03	96	15697	21.340	ug/l	98
13) Acrolein	3.89	56	4686	106.320	ug/l	96
14) Allyl chloride	4.67	41	22138	22.950	ug/l	96
15) Acrylonitrile	5.37	53	15644	111.010	ug/l	100
16) Acetone	4.12	43	14141	92.413	ug/l	98
17) Carbon Disulfide	4.38	76	48652	21.374	ug/l	97
18) Methyl Acetate	4.67	43	8189	22.502	ug/l	95
19) Methyl tert-butyl Ether	5.43	73	24818	23.502	ug/l	96
20) Methylene Chloride	4.90	84	19822	22.425	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	17549	21.692	ug/l	93
22) Diisopropyl ether	6.31	45	43105	23.865	ug/l	98
23) Vinyl Acetate	6.26	43	119483	111.343	ug/l	97
24) 1,1-Dichloroethane	6.21	63	29927	22.523	ug/l	99
25) 2-Butanone	7.17	43	18847	105.154	ug/l	94
26) 2,2-Dichloropropane	7.17	77	19733	20.295	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	19978	23.179	ug/l	98
28) Bromochloromethane	7.51	49	9363	20.667	ug/l	93
29) Tetrahydrofuran	7.53	42	11989	112.142	ug/l	97
30) Chloroform	7.68	83	32579	21.666	ug/l	99
31) Cyclohexane	7.95	56	25556	21.009	ug/l #	90
32) 1,1,1-Trichloroethane	7.87	97	29722	21.703	ug/l	99
36) 1,1-Dichloropropene	8.08	75	24725	20.675	ug/l	99
37) Ethyl Acetate	7.25	43	8676	21.021	ug/l	97
38) Carbon Tetrachloride	8.07	117	27517	19.538	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	29811	20.061	ug/l	97
40) Benzene	8.32	78	69264	21.704	ug/l	98
41) Methacrylonitrile	7.48	41	4990	21.295	ug/l	94
42) 1,2-Dichloroethane	8.40	62	22428	20.971	ug/l	99
43) Isopropyl Acetate	8.43	43	17329	20.957	ug/l	99
44) Trichloroethene	9.09	130	20787	21.539	ug/l	98
45) 1,2-Dichloropropane	9.37	63	15802	22.316	ug/l	98
46) Dibromomethane	9.46	93	9170	21.037	ug/l	97
47) Bromodichloromethane	9.65	83	24242	21.155	ug/l	99
48) Methyl methacrylate	9.44	41	8443	20.456	ug/l	99
49) 1,4-Dioxane	9.45	88	3197	462.604	ug/l	97
51) 4-Methyl-2-Pentanone	10.21	43	41651	106.585	ug/l	99
52) Toluene	10.39	92	46269	21.610	ug/l	97
53) t-1,3-Dichloropropene	10.60	75	23617	20.720	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	26739	21.238	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	12897	21.462	ug/l	97
56) Ethyl methacrylate	10.65	69	15175	21.374	ug/l	95
57) 1,3-Dichloropropane	10.93	76	22040	22.088	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	34470	106.336	ug/l	99
59) 2-Hexanone	10.97	43	28162	102.473	ug/l	100
60) Dibromochloromethane	11.13	129	16367	20.571	ug/l	99
61) 1,2-Dibromoethane	11.24	107	12961	21.299	ug/l	98
64) Tetrachloroethene	10.87	164	17823	22.406	ug/l	96
65) Chlorobenzene	11.66	112	52150	21.449	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	18530	21.329	ug/l	98
67) Ethyl Benzene	11.73	91	92323	22.128	ug/l	99
68) m/p-Xylenes	11.84	106	70677	43.670	ug/l	100
69) o-Xylene	12.17	106	33737	22.238	ug/l	100
70) Styrene	12.18	104	54962	22.040	ug/l	99
71) Bromoform	12.35	173	9312	20.648	ug/l #	97
73) Isopropylbenzene	12.47	105	94624	22.275	ug/l	99
74) N-amyl acetate	12.27	43	16670	22.655	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	13667	21.458	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	10939m	25.184	ug/l	
77) Bromobenzene	12.75	156	21319	21.899	ug/l	100
78) n-propylbenzene	12.81	91	109730	22.191	ug/l	100
79) 2-Chlorotoluene	12.90	91	64485	22.386	ug/l	98
80) 1,3,5-Trimethylbenzene	12.94	105	81983	22.374	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	4101	19.818	ug/l	94
82) 4-Chlorotoluene	12.99	91	68272	22.259	ug/l	99
83) tert-Butylbenzene	13.21	119	72245	22.471	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	84934	22.972	ug/l	100
85) sec-Butylbenzene	13.39	105	99083	22.362	ug/l	99
86) p-Isopropyltoluene	13.51	119	89563	22.229	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	42856	22.172	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	43200	22.343	ug/l	99
89) n-Butylbenzene	13.83	91	80513	21.795	ug/l	100
90) Hexachloroethane	14.10	117	15319	21.657	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	38710	22.368	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	2623	20.054	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	26353	21.937	ug/l	99
94) Hexachlorobutadiene	15.24	225	14098	21.960	ug/l	99
95) Naphthalene	15.37	128	50851	22.895	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	22787	22.160	ug/l	99

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

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