

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW121318\
 Data File : VW007412.D
 Acq On : 12 Dec 2018 00:29
 Operator : SY/AP
 Sample : VW1213SBS01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1213SBS01

Manual Integrations
 APPROVED

apatel
 12/19/2018 8:42:03 AM

Quant Time: Dec 12 05:57:23 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	82539	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	139600	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	127075	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	63632	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	50513	55.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.32%	
35) Dibromofluoromethane	7.88	113	46544	55.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.16%	
50) Toluene-d8	10.32	98	176737	55.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.56%	
62) 4-Bromofluorobenzene	12.62	95	68418	58.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.46%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	13783	23.896	ug/l	97
3) Chloromethane	2.21	50	10178	21.070	ug/l	96
4) Vinyl Chloride	2.37	62	12123	21.385	ug/l	99
5) Bromomethane	2.78	94	7655	20.098	ug/l	88
6) Chloroethane	2.92	64	6358	20.375	ug/l #	85
7) Trichlorofluoromethane	3.26	101	10024	19.668	ug/l	99
8) Diethyl Ether	3.68	74	8711	21.838	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.06	101	17038	20.260	ug/l	98
10) Methyl Iodide	4.26	142	29314	21.047	ug/l	99
11) Tert butyl alcohol	5.17	59	7318	116.363	ug/l #	90
12) 1,1-Dichloroethene	4.03	96	17070	21.082	ug/l	96
13) Acrolein	3.89	56	4523	108.691	ug/l	99
14) Allyl chloride	4.66	41	24588	20.602	ug/l	99
15) Acrylonitrile	5.36	53	17577	104.526	ug/l	99
16) Acetone	4.12	43	16583	103.679	ug/l	100
17) Carbon Disulfide	4.37	76	51955	21.163	ug/l	98
18) Methyl Acetate	4.67	43	9410	21.676	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	25311	20.722	ug/l	94
20) Methylene Chloride	4.91	84	20070	20.646	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	19161	21.155	ug/l	95
22) Diisopropyl ether	6.31	45	49060	21.386	ug/l	99
23) Vinyl Acetate	6.26	43	131693	102.633	ug/l	99
24) 1,1-Dichloroethane	6.21	63	33163	21.389	ug/l	97
25) 2-Butanone	7.18	43	21477	102.854	ug/l	94
26) 2,2-Dichloropropane	7.17	77	20824	20.294	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	20953	21.127	ug/l	96
28) Bromochloromethane	7.51	49	12004	20.583	ug/l	99
29) Tetrahydrofuran	7.53	42	13356	101.036	ug/l	96
30) Chloroform	7.67	83	35067	20.783	ug/l	99
31) Cyclohexane	7.95	56	28816	20.257	ug/l	93
32) 1,1,1-Trichloroethane	7.87	97	30802	20.817	ug/l	98
36) 1,1-Dichloropropene	8.08	75	26854	21.087	ug/l	98
37) Ethyl Acetate	7.26	43	10191	21.516	ug/l	97
38) Carbon Tetrachloride	8.07	117	29550	21.326	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	32645	21.170	ug/l	91
40) Benzene	8.32	78	76083	21.528	ug/l	97
41) Methacrylonitrile	7.48	41	6357	23.569	ug/l	89
42) 1,2-Dichloroethane	8.40	62	23785	21.425	ug/l	99
43) Isopropyl Acetate	8.43	43	19329	20.659	ug/l	97
44) Trichloroethene	9.09	130	21597	21.400	ug/l	96
45) 1,2-Dichloropropane	9.37	63	18045	22.064	ug/l	97
46) Dibromomethane	9.46	93	10279	22.132	ug/l	96
47) Bromodichloromethane	9.65	83	26035	21.371	ug/l	93
48) Methyl methacrylate	9.43	41	9697	20.181	ug/l	96
49) 1,4-Dioxane	9.45	88	3511	465.907	ug/l	99
51) 4-Methyl-2-Pentanone	10.21	43	46336	104.815	ug/l	98
52) Toluene	10.39	92	50558	22.106	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	25642	21.681	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	29277	21.414	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	14256	22.553	ug/l	94
56) Ethyl methacrylate	10.65	69	16483	21.695	ug/l	98
57) 1,3-Dichloropropane	10.93	76	23828	22.967	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	34758	99.206	ug/l	99
59) 2-Hexanone	10.97	43	31988	108.516	ug/l	100
60) Dibromochloromethane	11.13	129	17614	22.081	ug/l	95
61) 1,2-Dibromoethane	11.24	107	14185	22.708	ug/l	93
64) Tetrachloroethene	10.87	164	18958	20.746	ug/l	91
65) Chlorobenzene	11.66	112	56905	21.485	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.73	131	20104	21.551	ug/l	98
67) Ethyl Benzene	11.73	91	100334	22.033	ug/l	94
68) m/p-Xylenes	11.84	106	76514	43.221	ug/l	100
69) o-Xylene	12.17	106	35617	21.542	ug/l	96
70) Styrene	12.18	104	60748	22.748	ug/l	98
71) Bromoform	12.35	173	9609	20.125	ug/l #	100
73) Isopropylbenzene	12.47	105	99441	20.395	ug/l	98
74) N-amyl acetate	12.27	43	18110	20.437	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.72	83	14784	20.472	ug/l	91
76) 1,2,3-Trichloropropane	12.77	75	12124m	23.108	ug/l	
77) Bromobenzene	12.75	156	22854	21.146	ug/l	97
78) n-propylbenzene	12.80	91	118236	21.548	ug/l	100
79) 2-Chlorotoluene	12.90	91	68165	20.531	ug/l	96
80) 1,3,5-Trimethylbenzene	12.95	105	86039	21.001	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.51	75	4472	18.829	ug/l	96
82) 4-Chlorotoluene	12.99	91	73672	21.050	ug/l	96
83) tert-Butylbenzene	13.21	119	74908	20.751	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	89606	21.255	ug/l	98
85) sec-Butylbenzene	13.39	105	104983	21.304	ug/l	95
86) p-Isopropyltoluene	13.51	119	94678	21.386	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	45310	21.027	ug/l	97
88) 1,4-Dichlorobenzene	13.58	146	46273	21.360	ug/l	98
89) n-Butylbenzene	13.83	91	87427	21.302	ug/l	98
90) Hexachloroethane	14.10	117	16492	20.937	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	41809	21.663	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.49	75	2890	19.942	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	28505	21.461	ug/l	96
94) Hexachlorobutadiene	15.24	225	14607	20.727	ug/l	98
95) Naphthalene	15.37	128	52335	20.597	ug/l	98
96) 1,2,3-Trichlorobenzene	15.56	180	24192	20.968	ug/l	96

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

