

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW103118\
 Data File : VW006469.D
 Acq On : 29 Oct 2018 23:43
 Operator : SY/AP
 Sample : VW1031SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1031SBS01

Manual Integrations
 APPROVED

apatel
 10/30/2018 2:16:20 PM

Quant Time: Oct 30 06:40:16 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 18 17:01:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	196977	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	280622	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	264865	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	149785	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	84673	51.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.70%	
35) Dibromofluoromethane	7.88	113	90369	54.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.00%	
50) Toluene-d8	10.32	98	331714	52.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.16%	
62) 4-Bromofluorobenzene	12.62	95	124857	52.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.40%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	16934	17.373	ug/l	100
3) Chloromethane	2.21	50	24825	19.785	ug/l	98
4) Vinyl Chloride	2.37	62	36518	20.380	ug/l	99
5) Bromomethane	2.79	94	35036	21.497	ug/l	98
6) Chloroethane	2.93	64	28335	22.066	ug/l	94
7) Trichlorofluoromethane	3.26	101	34378	20.595	ug/l	99
8) Diethyl Ether	3.68	74	18765	21.152	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	38232	21.855	ug/l	98
10) Methyl Iodide	4.26	142	63443	21.789	ug/l	97
11) Tert butyl alcohol	5.23	59	11715	106.665	ug/l #	85
12) 1,1-Dichloroethene	4.03	96	35882	21.802	ug/l	89
13) Acrolein	3.90	56	9958	93.700	ug/l	97
14) Allyl chloride	4.66	41	47123	20.025	ug/l	99
15) Acrylonitrile	5.38	53	36580	114.960	ug/l	99
16) Acetone	4.14	43	37473	114.276	ug/l	97
17) Carbon Disulfide	4.37	76	90793	18.279	ug/l	99
18) Methyl Acetate	4.68	43	18930	23.034	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	54052	21.563	ug/l	98
20) Methylene Chloride	4.92	84	43779	24.506	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	41315	22.490	ug/l	96
22) Diisopropyl ether	6.31	45	101954	21.924	ug/l	99
23) Vinyl Acetate	6.26	43	280721	102.288	ug/l	98
24) 1,1-Dichloroethane	6.21	63	69687	23.224	ug/l	98
25) 2-Butanone	7.18	43	51471	116.670	ug/l	97
26) 2,2-Dichloropropane	7.17	77	44691	21.117	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	46721	23.047	ug/l	97
28) Bromochloromethane	7.51	49	22697	19.593	ug/l	92
29) Tetrahydrofuran	7.54	42	30201	111.371	ug/l	99
30) Chloroform	7.68	83	75903	23.217	ug/l	99
31) Cyclohexane	7.96	56	57484	19.237	ug/l	95
32) 1,1,1-Trichloroethane	7.87	97	63757	21.619	ug/l	99
36) 1,1-Dichloropropene	8.09	75	57278	22.145	ug/l	99
37) Ethyl Acetate	7.26	43	21431	22.301	ug/l	100
38) Carbon Tetrachloride	8.07	117	60569	21.361	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	69422	20.191	ug/l	98
40) Benzene	8.32	78	164173	23.139	ug/l	99
41) Methacrylonitrile	7.49	41	13223	22.825	ug/l	98
42) 1,2-Dichloroethane	8.40	62	47303	22.692	ug/l	99
43) Isopropyl Acetate	8.43	43	42511	21.635	ug/l	99
44) Trichloroethene	9.09	130	50426	23.166	ug/l	95
45) 1,2-Dichloropropane	9.37	63	38059	22.417	ug/l	97
46) Dibromomethane	9.46	93	22290	23.035	ug/l	97
47) Bromodichloromethane	9.65	83	50804	21.655	ug/l	98
48) Methyl methacrylate	9.44	41	19689	21.139	ug/l	95
49) 1,4-Dioxane	9.48	88	7275	488.355	ug/l #	99
51) 4-Methyl-2-Pentanone	10.21	43	109592	111.318	ug/l	99
52) Toluene	10.39	92	109145	22.945	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	49238	21.065	ug/l	96
54) cis-1,3-Dichloropropene	10.07	75	57172	21.312	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	32757	24.190	ug/l	96
56) Ethyl methacrylate	10.65	69	35776	21.551	ug/l	94
57) 1,3-Dichloropropane	10.93	76	53498	23.865	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	70329	110.871	ug/l	98
59) 2-Hexanone	10.98	43	74542	106.069	ug/l	97
60) Dibromochloromethane	11.13	129	38052	22.560	ug/l	98
61) 1,2-Dibromoethane	11.24	107	31707	23.434	ug/l	100
64) Tetrachloroethene	10.87	164	47764	23.230	ug/l	98
65) Chlorobenzene	11.66	112	130310	22.982	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	45147	22.405	ug/l	99
67) Ethyl Benzene	11.74	91	216854	22.069	ug/l	99
68) m/p-Xylenes	11.84	106	171150	44.067	ug/l	99
69) o-Xylene	12.17	106	80861	21.846	ug/l	97
70) Styrene	12.19	104	131600	21.864	ug/l	99
71) Bromoform	12.35	173	23375	20.798	ug/l #	98
73) Isopropylbenzene	12.47	105	224654	21.230	ug/l	99
74) N-amyl acetate	12.28	43	38839	18.897	ug/l #	92
75) 1,1,2,2-Tetrachloroethane	12.72	83	37114	23.060	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	23226m	20.301	ug/l	
77) Bromobenzene	12.75	156	58340	22.509	ug/l	97
78) n-propylbenzene	12.81	91	264858	21.514	ug/l	99
79) 2-Chlorotoluene	12.90	91	150010	21.687	ug/l	98
80) 1,3,5-Trimethylbenzene	12.95	105	191724	21.492	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	9290	19.410	ug/l	97
82) 4-Chlorotoluene	12.99	91	158744	21.908	ug/l	98
83) tert-Butylbenzene	13.21	119	170262	21.332	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	196357	21.752	ug/l	99
85) sec-Butylbenzene	13.39	105	243845	21.626	ug/l	100
86) p-Isopropyltoluene	13.51	119	216914	21.269	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	116441	22.574	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	116516	22.687	ug/l	99
89) n-Butylbenzene	13.83	91	197598	21.185	ug/l	99
90) Hexachloroethane	14.10	117	35186	20.368	ug/l	97
91) 1,2-Dichlorobenzene	13.88	146	103082	22.404	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	5594	19.413	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	77017	21.754	ug/l	100
94) Hexachlorobutadiene	15.24	225	48877	21.977	ug/l	99
95) Naphthalene	15.38	128	122202	20.750	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	67364	21.999	ug/l	99

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

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