

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092518\
 Data File : VW005630.D
 Acq On : 26 Sep 2018 01:38
 Operator : VA/AP
 Sample : VW0925SBS02
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0925SBS02

Manual Integrations
 APPROVED

apatel
 9/26/2018 2:38:31 PM

Quant Time: Sep 26 06:54:42 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W092118S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 21 09:05:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	237561	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	364241	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	342909	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	186638	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	124725	44.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.14%	
35) Dibromofluoromethane	7.89	113	105286	45.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.94%	
50) Toluene-d8	10.33	98	429367	46.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.08%	
62) 4-Bromofluorobenzene	12.62	95	159991	46.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.72%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	29543	18.632	ug/l	99
3) Chloromethane	2.21	50	31682	16.590	ug/l	93
4) Vinyl Chloride	2.37	62	49171	21.541	ug/l	95
5) Bromomethane	2.79	94	29324	19.009	ug/l	98
6) Chloroethane	2.92	64	28253	19.289	ug/l	98
7) Trichlorofluoromethane	3.25	101	29153	16.329	ug/l	91
8) Diethyl Ether	3.68	74	24265	20.806	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	45131	19.970	ug/l	99
10) Methyl Iodide	4.26	142	72396	20.830	ug/l	96
11) Tert butyl alcohol	5.22	59	16388	112.104	ug/l #	72
12) 1,1-Dichloroethene	4.03	96	44500	20.568	ug/l	94
13) Acrolein	3.90	56	11622	109.190	ug/l	100
14) Allyl chloride	4.66	41	76932	20.375	ug/l	97
15) Acrylonitrile	5.38	53	54360	104.983	ug/l	99
16) Acetone	4.14	43	48118	103.850	ug/l	98
17) Carbon Disulfide	4.37	76	134955	19.964	ug/l	100
18) Methyl Acetate	4.68	43	25914	19.536	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	69439	20.793	ug/l	96
20) Methylene Chloride	4.92	84	58764	22.722	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	49144	20.738	ug/l	98
22) Diisopropyl ether	6.32	45	155479	21.211	ug/l	98
23) Vinyl Acetate	6.26	43	440376	105.112	ug/l	100
24) 1,1-Dichloroethane	6.22	63	92136	20.345	ug/l	98
25) 2-Butanone	7.18	43	70329	103.467	ug/l	98
26) 2,2-Dichloropropane	7.17	77	56965	18.018	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	53020	20.285	ug/l	99
28) Bromochloromethane	7.51	49	36637	20.423	ug/l #	98
29) Tetrahydrofuran	7.54	42	45452	107.035	ug/l	98
30) Chloroform	7.68	83	95848	20.500	ug/l	99
31) Cyclohexane	7.95	56	84310	19.432	ug/l	93
32) 1,1,1-Trichloroethane	7.88	97	81914	19.832	ug/l	98
36) 1,1-Dichloropropene	8.09	75	73732	20.109	ug/l	99
37) Ethyl Acetate	7.26	43	30799	19.960	ug/l	99
38) Carbon Tetrachloride	8.07	117	75082	19.109	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	86072	19.896	ug/l	98
40) Benzene	8.33	78	211637	20.371	ug/l	99
41) Methacrylonitrile	7.49	41	17601	20.045	ug/l	93
42) 1,2-Dichloroethane	8.40	62	66594	20.021	ug/l	97
43) Isopropyl Acetate	8.43	43	63125	20.808	ug/l	99
44) Trichloroethene	9.10	130	54137	20.358	ug/l	97
45) 1,2-Dichloropropane	9.37	63	52338	20.477	ug/l	99
46) Dibromomethane	9.46	93	26434	20.699	ug/l	98
47) Bromodichloromethane	9.65	83	67759	19.752	ug/l	99
48) Methyl methacrylate	9.44	41	29807	20.686	ug/l	96
49) 1,4-Dioxane	9.49	88	8600	423.572	ug/l #	96
51) 4-Methyl-2-Pentanone	10.21	43	161749	105.858	ug/l	100
52) Toluene	10.39	92	132746	20.478	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	68151	19.817	ug/l	100
54) cis-1,3-Dichloropropene	10.08	75	77375	20.081	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	37236	20.541	ug/l	95
56) Ethyl methacrylate	10.65	69	46257	20.671	ug/l	99
57) 1,3-Dichloropropane	10.94	76	67112	20.889	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	112993	111.390	ug/l	98
59) 2-Hexanone	10.98	43	106278	102.388	ug/l	98
60) Dibromochloromethane	11.13	129	45149	20.613	ug/l	99
61) 1,2-Dibromoethane	11.24	107	36275	21.463	ug/l	99
64) Tetrachloroethene	10.87	164	49629	20.392	ug/l	99
65) Chlorobenzene	11.66	112	146769	20.162	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.74	131	51744	19.750	ug/l	97
67) Ethyl Benzene	11.74	91	255262	19.755	ug/l	98
68) m/p-Xylenes	11.85	106	197520	40.461	ug/l	100
69) o-Xylene	12.17	106	91049	19.915	ug/l	99
70) Styrene	12.19	104	156628	20.357	ug/l	99
71) Bromoform	12.35	173	28163	20.251	ug/l #	98
73) Isopropylbenzene	12.47	105	261027	20.168	ug/l	100
74) N-amyl acetate	12.28	43	59704	20.371	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	44177	20.549	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	32104m	20.179	ug/l	
77) Bromobenzene	12.76	156	60620	19.983	ug/l	99
78) n-propylbenzene	12.81	91	314884	20.095	ug/l	99
79) 2-Chlorotoluene	12.90	91	184061	20.303	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	225950	20.077	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	13922	19.709	ug/l	95
82) 4-Chlorotoluene	12.99	91	195908	20.452	ug/l	99
83) tert-Butylbenzene	13.21	119	190776	20.177	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	234019	20.605	ug/l	99
85) sec-Butylbenzene	13.39	105	276071	20.132	ug/l	99
86) p-Isopropyltoluene	13.51	119	249139	20.270	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	125166	20.179	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	124112	20.118	ug/l	98
89) n-Butylbenzene	13.83	91	229484	19.794	ug/l	99
90) Hexachloroethane	14.10	117	44725	20.076	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	112282	20.505	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	8123	19.832	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	79731	20.412	ug/l	99
94) Hexachlorobutadiene	15.24	225	48585	19.199	ug/l	99
95) Naphthalene	15.38	128	138826	21.129	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	71706	20.830	ug/l	100

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

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