

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102518\
 Data File : VW006334.D
 Acq On : 25 Oct 2018 00:10
 Operator : SY/AP
 Sample : VW1024SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1024SBS01

Manual Integrations
 APPROVED

apatel
 10/25/2018 12:47:45 PM

Quant Time: Oct 25 11:20:07 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	226920	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	328336	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	295461	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	166341	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	92559	49.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.40%	
35) Dibromofluoromethane	7.88	113	95458	49.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.40%	
50) Toluene-d8	10.33	98	352647	47.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.56%	
62) 4-Bromofluorobenzene	12.62	95	134086	48.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.74%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	18466	16.445	ug/l	90
3) Chloromethane	2.21	50	27613	19.103	ug/l	99
4) Vinyl Chloride	2.37	62	42152	20.420	ug/l	98
5) Bromomethane	2.78	94	39207	20.882	ug/l	97
6) Chloroethane	2.93	64	32164	21.742	ug/l	95
7) Trichlorofluoromethane	3.26	101	38962	20.261	ug/l	99
8) Diethyl Ether	3.68	74	22049	21.574	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	4.06	101	43334	21.503	ug/l	98
10) Methyl Iodide	4.26	142	70940	21.149	ug/l	99
11) Tert butyl alcohol	5.24	59	13062	103.236	ug/l #	87
12) 1,1-Dichloroethene	4.03	96	39945	21.068	ug/l	96
13) Acrolein	3.90	56	12704	103.765	ug/l	99
14) Allyl chloride	4.67	41	54051	19.938	ug/l	99
15) Acrylonitrile	5.38	53	41415	112.981	ug/l	99
16) Acetone	4.14	43	38075	98.933	ug/l	100
17) Carbon Disulfide	4.37	76	103166	18.029	ug/l	99
18) Methyl Acetate	4.68	43	21877	23.108	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	61280	21.220	ug/l	99
20) Methylene Chloride	4.92	84	45612	22.002	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	46491	21.968	ug/l	97
22) Diisopropyl ether	6.31	45	115960	21.645	ug/l	97
23) Vinyl Acetate	6.26	43	324569	102.659	ug/l	99
24) 1,1-Dichloroethane	6.21	63	77897	22.534	ug/l	98
25) 2-Butanone	7.18	43	55006	108.231	ug/l	96
26) 2,2-Dichloropropane	7.17	77	46130	18.921	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	52571	22.510	ug/l	99
28) Bromochloromethane	7.51	49	25381	19.018	ug/l	95
29) Tetrahydrofuran	7.54	42	33512	107.274	ug/l	97
30) Chloroform	7.68	83	84410	22.412	ug/l	99
31) Cyclohexane	7.95	56	68920	20.020	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	71471	21.037	ug/l	99
36) 1,1-Dichloropropene	8.08	75	66096	21.840	ug/l	100
37) Ethyl Acetate	7.26	43	24200	21.523	ug/l	99
38) Carbon Tetrachloride	8.07	117	66217	19.959	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	82426	20.490	ug/l	98
40) Benzene	8.32	78	184476	22.222	ug/l	100
41) Methacrylonitrile	7.49	41	13561	20.006	ug/l	91
42) 1,2-Dichloroethane	8.40	62	54540	22.362	ug/l	99
43) Isopropyl Acetate	8.43	43	47470	20.648	ug/l	99
44) Trichloroethene	9.09	130	56219	22.074	ug/l	99
45) 1,2-Dichloropropane	9.37	63	43655	21.976	ug/l	95
46) Dibromomethane	9.46	93	24959	22.045	ug/l	99
47) Bromodichloromethane	9.65	83	57787	21.052	ug/l	98
48) Methyl methacrylate	9.44	41	23283	21.365	ug/l	97
49) 1,4-Dioxane	9.49	88	7944	455.769	ug/l #	99
51) 4-Methyl-2-Pentanone	10.21	43	123165	106.925	ug/l	98
52) Toluene	10.39	92	124064	22.292	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	53407	19.528	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	63653	20.279	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	35747	22.562	ug/l	98
56) Ethyl methacrylate	10.65	69	41257	21.241	ug/l	98
57) 1,3-Dichloropropane	10.93	76	58515	22.310	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	81528	109.848	ug/l	99
59) 2-Hexanone	10.98	43	83556	101.618	ug/l	97
60) Dibromochloromethane	11.13	129	39526	20.028	ug/l	100
61) 1,2-Dibromoethane	11.24	107	35274	22.282	ug/l	99
64) Tetrachloroethene	10.87	164	52656	22.957	ug/l	98
65) Chlorobenzene	11.66	112	144009	22.768	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	48085	21.392	ug/l	98
67) Ethyl Benzene	11.74	91	245037	22.355	ug/l	100
68) m/p-Xylenes	11.84	106	192568	44.447	ug/l	99
69) o-Xylene	12.17	106	93055	22.537	ug/l	96
70) Styrene	12.18	104	146996	21.893	ug/l	100
71) Bromoform	12.35	173	24350	19.422	ug/l #	99
73) Isopropylbenzene	12.47	105	255761	21.764	ug/l	99
74) N-amyl acetate	12.28	43	46810	20.509	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	40728	22.787	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	30700m	24.163	ug/l	
77) Bromobenzene	12.75	156	64323	22.347	ug/l	98
78) n-propylbenzene	12.81	91	301424	22.047	ug/l	100
79) 2-Chlorotoluene	12.90	91	168682	21.959	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	216160	21.819	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	9411	17.706	ug/l	91
82) 4-Chlorotoluene	12.99	91	178264	22.153	ug/l	99
83) tert-Butylbenzene	13.21	119	193489	21.830	ug/l	96
84) 1,2,4-Trimethylbenzene	13.26	105	220785	22.024	ug/l	100
85) sec-Butylbenzene	13.39	105	276098	22.049	ug/l	100
86) p-Isopropyltoluene	13.51	119	249394	22.019	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	127357	22.233	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	126792	22.230	ug/l	99
89) n-Butylbenzene	13.83	91	226981	21.913	ug/l	99
90) Hexachloroethane	14.10	117	37788	19.697	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	113908	22.293	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	6478	20.243	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	95672	24.334	ug/l	100
94) Hexachlorobutadiene	15.24	225	54403	22.027	ug/l	98
95) Naphthalene	15.38	128	143455	21.934	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	78118	22.972	ug/l	99

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

