

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\WV102218\
 Data File : VW006278.D
 Acq On : 23 Oct 2018 04:55
 Operator : VA/AP
 Sample : J5626-02MS
 Misc : 3.89G/5ML/MSVOA W/SOIL
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 PA-SB-01BMS

Manual Integrations
 APPROVED

sam
 10/24/2018 5:33:35 PM

Quant Time: Oct 23 07:02:59 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	139936	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	214326	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	129508	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	33779	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	78005	67.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	134.48%	
35) Dibromofluoromethane	7.88	113	75002	59.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	118.44%	
50) Toluene-d8	10.33	98	197971	41.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.18%	
62) 4-Bromofluorobenzene	12.62	95	45042	24.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	49.78%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	45128	65.168	ug/l	99
3) Chloromethane	2.22	50	65092	73.023	ug/l	96
4) Vinyl Chloride	2.37	62	95059	74.674	ug/l	99
5) Bromomethane	2.79	94	82346	71.121	ug/l	99
6) Chloroethane	2.93	64	70145	76.891	ug/l	99
7) Trichlorofluoromethane	3.26	101	64415	54.319	ug/l	99
8) Diethyl Ether	3.68	74	48628	77.157	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	61598	49.565	ug/l	98
10) Methyl Iodide	4.27	142	149038	72.052	ug/l	100
11) Tert butyl alcohol	5.24	59	27012	346.197	ug/l #	83
12) 1,1-Dichloroethene	4.03	96	75265	64.372	ug/l	94
13) Acrolein	3.90	56	13778	182.491	ug/l	99
14) Allyl chloride	4.67	41	114451	68.460	ug/l	98
15) Acrylonitrile	5.38	53	91091	402.963	ug/l	99
16) Acetone	4.15	43	93653	441.638	ug/l	99
17) Carbon Disulfide	4.38	76	187018	52.999	ug/l	100
18) Methyl Acetate	4.68	43	129614	222.004	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	146847	82.460	ug/l	98
20) Methylene Chloride	4.92	84	101765	84.007	ug/l	93
21) trans-1,2-Dichloroethene	5.42	96	86974	66.643	ug/l	99
22) Diisopropyl ether	6.32	45	255007	77.188	ug/l	96
23) Vinyl Acetate	6.26	43	169439	86.906	ug/l	98
24) 1,1-Dichloroethane	6.22	63	151239	70.946	ug/l	99
25) 2-Butanone	7.18	43	124491	397.212	ug/l	98
26) 2,2-Dichloropropane	7.17	77	78400	52.145	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	97498	67.698	ug/l	98
28) Bromochloromethane	7.51	49	63388	77.022	ug/l	96
29) Tetrahydrofuran	7.54	42	76075	394.893	ug/l	99
30) Chloroform	7.68	83	155182	66.815	ug/l	96
31) Cyclohexane	7.96	56	66131	31.151	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	118497	56.560	ug/l	99
36) 1,1-Dichloropropene	8.09	75	91967	46.554	ug/l	100
37) Ethyl Acetate	7.26	43	35206	47.967	ug/l	99
38) Carbon Tetrachloride	8.07	117	96124	44.386	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	52396	19.953	ug/l	98
40) Benzene	8.33	78	317653	58.619	ug/l	98
41) Methacrylonitrile	7.49	41	28457	64.315	ug/l	88
42) 1,2-Dichloroethane	8.40	62	107690	67.641	ug/l	99
43) Isopropyl Acetate	8.43	43	67759	45.151	ug/l	93
44) Trichloroethene	9.10	130	78159	47.013	ug/l	99
45) 1,2-Dichloropropane	9.37	63	75793	58.450	ug/l	98
46) Dibromomethane	9.46	93	46587	63.036	ug/l	99
47) Bromodichloromethane	9.65	83	96238	53.710	ug/l	99
48) Methyl methacrylate	9.44	41	57162	80.357	ug/l	100
49) 1,4-Dioxane	9.48	88	17034	1497.153	ug/l #	98
51) 4-Methyl-2-Pentanone	10.21	43	256053	340.537	ug/l	99
52) Toluene	10.39	92	157956	43.479	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	87889	49.231	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	107669	52.550	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	58608	56.668	ug/l	98
56) Ethyl methacrylate	10.65	69	69712	54.982	ug/l	97
57) 1,3-Dichloropropane	10.94	76	96989	56.650	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	147977	305.439	ug/l	99
59) 2-Hexanone	10.98	43	174429	324.979	ug/l	99
60) Dibromochloromethane	11.13	129	59259	46.000	ug/l	99
61) 1,2-Dibromoethane	11.24	107	56035	54.224	ug/l	98
64) Tetrachloroethene	10.87	164	54715	54.422	ug/l	97
65) Chlorobenzene	11.66	112	147836	53.324	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	60210	61.111	ug/l	99
67) Ethyl Benzene	11.74	91	216740	45.111	ug/l	100
68) m/p-Xylenes	11.85	106	163441	86.065	ug/l	99
69) o-Xylene	12.17	106	80298	44.367	ug/l	98
70) Styrene	12.19	104	132274	44.944	ug/l	99
71) Bromoform	12.35	173	31635	57.566	ug/l #	99
73) Isopropylbenzene	12.47	105	169592	71.067	ug/l	100
74) N-amyl acetate	12.28	43	37545	81.003	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	50126	138.104	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	36741m	142.404	ug/l	
77) Bromobenzene	12.75	156	51754	88.544	ug/l	92
78) n-propylbenzene	12.81	91	162386	58.489	ug/l	100
79) 2-Chlorotoluene	12.90	91	101496	65.065	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	114928	57.128	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	13985	129.570	ug/l	93
82) 4-Chlorotoluene	12.99	91	104825	64.150	ug/l	99
83) tert-Butylbenzene	13.21	119	95842	53.248	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	111794	54.916	ug/l	99
85) sec-Butylbenzene	13.39	105	112649	44.301	ug/l	100
86) p-Isopropyltoluene	13.51	119	95667	41.594	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	60887	52.342	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	61029	52.692	ug/l	99
89) n-Butylbenzene	13.83	91	69125	32.863	ug/l	98
90) Hexachloroethane	14.10	117	14351	36.837	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	57057	54.988	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	6522	100.363	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	18058	22.618	ug/l	99
94) Hexachlorobutadiene	15.24	225	9675	19.291	ug/l	98
95) Naphthalene	15.38	128	57248	43.104	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	15619	22.618	ug/l	99

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

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