

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\WV102218\
 Data File : VW006279.D
 Acq On : 23 Oct 2018 05:21
 Operator : VA/AP
 Sample : J5626-03MSD
 Misc : 3.49G/5ML/MSVOA W/SOIL
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 PA-SB-01BMSD

Manual Integrations
 APPROVED

sam
 10/24/2018 5:33:39 PM

Quant Time: Oct 23 07:08:14 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	143571	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	216865	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	138804	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	38410	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	78787	66.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	132.38%	
35) Dibromofluoromethane	7.88	113	73753	57.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.10%	
50) Toluene-d8	10.33	98	204578	41.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.92%	
62) 4-Bromofluorobenzene	12.62	95	48868	26.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	53.38%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	43750	61.579	ug/l	99
3) Chloromethane	2.21	50	59981	65.586	ug/l	98
4) Vinyl Chloride	2.37	62	88883	68.055	ug/l	99
5) Bromomethane	2.79	94	82734	69.647	ug/l	97
6) Chloroethane	2.93	64	64134	68.522	ug/l	97
7) Trichlorofluoromethane	3.26	101	63701	52.356	ug/l	93
8) Diethyl Ether	3.68	74	50501	78.100	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.06	101	67709	53.103	ug/l	98
10) Methyl Iodide	4.27	142	145030	68.339	ug/l	99
11) Tert butyl alcohol	5.22	59	30755	384.189	ug/l	98
12) 1,1-Dichloroethene	4.03	96	73827	61.544	ug/l	92
13) Acrolein	3.90	56	15583	201.173	ug/l	98
14) Allyl chloride	4.67	41	111990	65.292	ug/l	99
15) Acrylonitrile	5.37	53	106832	460.632	ug/l	99
16) Acetone	4.14	43	98473	453.002	ug/l	100
17) Carbon Disulfide	4.38	76	186111	51.406	ug/l	99
18) Methyl Acetate	4.68	43	101482	169.418	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	154601	84.616	ug/l	97
20) Methylene Chloride	4.91	84	104279	83.901	ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	87329	65.221	ug/l	97
22) Diisopropyl ether	6.32	45	261189	77.058	ug/l	96
23) Vinyl Acetate	6.26	43	167064	83.518	ug/l	99
24) 1,1-Dichloroethane	6.21	63	153079	69.991	ug/l	99
25) 2-Butanone	7.18	43	137994	429.148	ug/l	98
26) 2,2-Dichloropropane	7.17	77	81164	52.616	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	99203	67.138	ug/l	98
28) Bromochloromethane	7.51	49	61276	72.571	ug/l	95
29) Tetrahydrofuran	7.54	42	89268	451.643	ug/l	99
30) Chloroform	7.68	83	160969	67.552	ug/l	97
31) Cyclohexane	7.95	56	75984	34.886	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	122695	57.081	ug/l	99
36) 1,1-Dichloropropene	8.09	75	97695	48.875	ug/l	100
37) Ethyl Acetate	7.26	43	46274	62.308	ug/l	99
38) Carbon Tetrachloride	8.07	117	104535	47.705	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	61613	23.188	ug/l	98
40) Benzene	8.32	78	328890	59.982	ug/l	99
41) Methacrylonitrile	7.49	41	35355	78.969	ug/l	91
42) 1,2-Dichloroethane	8.40	62	114990	71.381	ug/l	99
43) Isopropyl Acetate	8.43	43	103340	68.055	ug/l	100
44) Trichloroethene	9.09	130	82380	48.971	ug/l	99
45) 1,2-Dichloropropane	9.37	63	80890	61.651	ug/l	96
46) Dibromomethane	9.46	93	51345	68.660	ug/l	99
47) Bromodichloromethane	9.65	83	103283	56.967	ug/l	97
48) Methyl methacrylate	9.44	41	66186	91.953	ug/l	98
49) 1,4-Dioxane	9.47	88	18163	1577.693	ug/l #	94
51) 4-Methyl-2-Pentanone	10.21	43	303237	398.568	ug/l	98
52) Toluene	10.39	92	171008	46.520	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	98738	54.661	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	117547	56.699	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	66513	63.558	ug/l	98
56) Ethyl methacrylate	10.65	69	76027	59.261	ug/l	98
57) 1,3-Dichloropropane	10.93	76	110057	63.530	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	155803	317.827	ug/l	99
59) 2-Hexanone	10.97	43	201484	370.990	ug/l	98
60) Dibromochloromethane	11.13	129	69344	53.198	ug/l	98
61) 1,2-Dibromoethane	11.24	107	64155	61.355	ug/l	100
64) Tetrachloroethene	10.87	164	55548	51.551	ug/l	97
65) Chlorobenzene	11.66	112	164843	55.477	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	67090	63.534	ug/l	98
67) Ethyl Benzene	11.74	91	243898	47.363	ug/l	100
68) m/p-Xylenes	11.84	106	184088	90.445	ug/l	100
69) o-Xylene	12.17	106	91234	47.034	ug/l	99
70) Styrene	12.18	104	150084	47.581	ug/l	100
71) Bromoform	12.35	173	38374	65.152	ug/l #	99
73) Isopropylbenzene	12.47	105	192772	71.041	ug/l	100
74) N-amyl acetate	12.28	43	45643	86.601	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	63288	153.344	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	43247m	147.411	ug/l	
77) Bromobenzene	12.75	156	59961	90.216	ug/l	91
78) n-propylbenzene	12.81	91	187203	59.298	ug/l	99
79) 2-Chlorotoluene	12.90	91	116327	65.581	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	129333	56.537	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	17466	142.311	ug/l	96
82) 4-Chlorotoluene	12.99	91	119286	64.198	ug/l	99
83) tert-Butylbenzene	13.21	119	111384	54.421	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	129021	55.737	ug/l	99
85) sec-Butylbenzene	13.39	105	126019	43.583	ug/l	100
86) p-Isopropyltoluene	13.51	119	106834	40.849	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	68660	51.907	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	70872	53.813	ug/l	99
89) n-Butylbenzene	13.83	91	75560	31.591	ug/l	99
90) Hexachloroethane	14.10	117	16035	36.197	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	66058	55.987	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	8612	116.546	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	21190	23.341	ug/l	99
94) Hexachlorobutadiene	15.24	225	9447	16.565	ug/l	99
95) Naphthalene	15.38	128	71179	47.132	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	18054	22.992	ug/l	98

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

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