

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\WV121318\
 Data File : VW007422.D
 Acq On : 12 Dec 2018 04:47
 Operator : SY/AP
 Sample : J6265-03MSD
 Misc : 1.03G/5ML/MSVOA W/SOIL
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 S32-0632MSD

Manual Integrations
 APPROVED

MMDadoda
 12/12/2018 2:42:35 PM

Quant Time: Dec 12 06:30:43 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 11 02:58:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	5794	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	8900	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	7882	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	3786	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	3641	56.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.28%	
35) Dibromofluoromethane	7.88	113	3103	57.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.20%	
50) Toluene-d8	10.32	98	10793	53.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.86%	
62) 4-Bromofluorobenzene	12.62	95	4115	55.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.82%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	2381	58.806	ug/l	92
3) Chloromethane	2.22	50	1652	48.718	ug/l	93
4) Vinyl Chloride	2.36	62	2345	58.929	ug/l	99
5) Bromomethane	2.78	94	2283	85.388	ug/l	91
6) Chloroethane	2.93	64	2074	94.681	ug/l	94
7) Trichlorofluoromethane	3.27	101	5983	167.232	ug/l	99
8) Diethyl Ether	3.70	74	1768	63.139	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.08	101	3433	58.154	ug/l	98
10) Methyl Iodide	4.28	142	4822	49.320	ug/l	97
11) Tert butyl alcohol	5.14	59	1839	416.567	ug/l #	74
12) 1,1-Dichloroethene	4.05	96	3063	53.890	ug/l	89
14) Allvl chloride	4.68	41	3669	43.794	ug/l	93
15) Acrylonitrile	5.37	53	4734	401.041	ug/l	97
16) Acetone	4.12	43	4427	394.290	ug/l #	87
17) Carbon Disulfide	4.38	76	9849	57.150	ug/l	100
18) Methyl Acetate	4.67	43	7258	238.175	ug/l	96
19) Methyl tert-butyl Ether	5.43	73	8856	103.286	ug/l	92
20) Methylene Chloride	4.92	84	3414	56.079	ug/l	91
21) trans-1,2-Dichloroethene	5.43	96	3220	50.644	ug/l	89
22) Diisopropyl ether	6.30	45	8126	50.461	ug/l	98
23) Vinyl Acetate	6.25	43	9288m	103.116	ug/l	
24) 1,1-Dichloroethane	6.23	63	5637	51.792	ug/l	96
25) 2-Butanone	7.17	43	5709	389.483	ug/l	95
26) 2,2-Dichloropropane	7.17	77	5264	73.079	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	3459	49.685	ug/l	91
28) Bromochloromethane	7.51	49	2436	59.503	ug/l #	98
29) Tetrahydrofuran	7.52	42	3724	401.318	ug/l	97
30) Chloroform	7.68	83	6210	52.431	ug/l	97
31) Cyclohexane	7.96	56	5226	52.335	ug/l	91
32) 1,1,1-Trichloroethane	7.87	97	6091	58.643	ug/l	96
36) 1,1-Dichloropropene	8.09	75	4789	58.986	ug/l	98
37) Ethyl Acetate	7.26	43	1564	51.793	ug/l #	85
38) Carbon Tetrachloride	8.07	117	5390	61.014	ug/l	94
39) Methylcyclohexane	9.34	83	5434	55.273	ug/l	87

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

40) Benzene	8.32	78	12650	56.144	ug/l	96
41) Methacrylonitrile	7.48	41	977	56.816	ug/l #	49
42) 1,2-Dichloroethane	8.40	62	4472	63.184	ug/l	96
43) Isopropyl Acetate	8.42	43	3592	60.219	ug/l	97
44) Trichloroethene	9.09	130	3676	57.134	ug/l	98
45) 1,2-Dichloropropane	9.37	63	3060	58.688	ug/l	99
46) Dibromomethane	9.46	93	1952	65.925	ug/l	99
47) Bromodichloromethane	9.65	83	4546	58.532	ug/l	93
48) Methyl methacrylate	9.44	41	2508	81.869	ug/l	90
49) 1,4-Dioxane	9.45	88	857	1783.795	ug/l #	94
51) 4-Methyl-2-Pentanone	10.21	43	12413	440.429	ug/l	96
52) Toluene	10.39	92	7682	52.685	ug/l	90
53) t-1,3-Dichloropropene	10.61	75	4344	57.612	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	4552	52.223	ug/l	95
55) 1,1,2-Trichloroethane	10.79	97	2930	72.707	ug/l	94
56) Ethyl methacrylate	10.65	69	2539	52.418	ug/l	99
57) 1,3-Dichloropropane	10.93	76	4573	69.136	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.93	63	5066	226.800	ug/l	98
59) 2-Hexanone	10.98	43	8229	437.876	ug/l	98
60) Dibromochloromethane	11.13	129	3243	63.767	ug/l	96
61) 1,2-Dibromoethane	11.24	107	2956	74.226	ug/l	96
64) Tetrachloroethene	10.87	164	3171	55.944	ug/l	92
65) Chlorobenzene	11.66	112	8698	52.944	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	3405	58.848	ug/l	100
67) Ethyl Benzene	11.73	91	15011	53.145	ug/l	100
68) m/p-Xylenes	11.84	106	11573	105.395	ug/l	96
69) o-Xylene	12.17	106	5500	53.632	ug/l	97
70) Stvrene	12.18	104	7816	47.186	ug/l	94
71) Bromoform	12.35	173	2065	69.726	ug/l #	97
73) Isopropylbenzene	12.47	105	14880	51.293	ug/l	97
74) N-amyl acetate	12.28	43	2123	40.267	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.71	83	3936	91.606	ug/l	92
76) 1,2,3-Trichloropropane	12.77	75	3111m	99.658	ug/l	
77) Bromobenzene	12.75	156	3594	55.891	ug/l	88
78) n-propylbenzene	12.81	91	17051	52.227	ug/l	97
79) 2-Chlorotoluene	12.90	91	10488	53.092	ug/l	98
80) 1,3,5-Trimethylbenzene	12.94	105	12074	49.534	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.51	75	864	61.140	ug/l	94
82) 4-Chlorotoluene	12.99	91	10725	51.505	ug/l	98
83) tert-Butylbenzene	13.21	119	11677	54.367	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	12394	49.411	ug/l	99
85) sec-Butylbenzene	13.39	105	14315	48.823	ug/l	99
86) p-Isopropyltoluene	13.51	119	13051	49.547	ug/l	97
87) 1,3-Dichlorobenzene	13.50	146	6408	49.981	ug/l	91
88) 1,4-Dichlorobenzene	13.58	146	6503	50.453	ug/l	91
89) n-Butylbenzene	13.83	91	9779	40.047	ug/l	96
90) Hexachloroethane	14.10	117	2444	52.147	ug/l	97
91) 1,2-Dichlorobenzene	13.88	146	6224	54.202	ug/l	89
92) 1,2-Dibromo-3-Chloropropan	14.49	75	683	79.211	ug/l	96
93) 1,2,4-Trichlorobenzene	15.14	180	2740	34.672	ug/l	90

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	15.24	225	1319	31.457	ug/l	99
95) Naphthalene	15.38	128	5032	33.285	ug/l	97
96) 1,2,3-Trichlorobenzene	15.57	180	2223	32.383	ug/l	99

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

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