

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW020119\
 Data File : VW008483.D
 Acq On : 01 Feb 2019 15:56
 Operator : SY/VA
 Sample : K1297-03MSD
 Misc : 1.81G/5ML/MSVOA W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A0C17-SS1MSD

Manual Integrations
 APPROVED

MMDadoda
 2/4/2019 4:32:40 PM

Quant Time: Feb 02 02:01:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W012419S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 25 11:07:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	297813	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	448530	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	358352	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	134660	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	172744	59.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	118.08%	
35) Dibromofluoromethane	7.88	113	160811	61.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	122.62%	
50) Toluene-d8	10.32	98	551336	52.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.84%	
62) 4-Bromofluorobenzene	12.62	95	166954	41.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.60%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	79537	46.461	ug/l	94
3) Chloromethane	2.21	50	123274	50.710	ug/l	98
4) Vinyl Chloride	2.37	62	160425	51.841	ug/l	99
5) Bromomethane	2.78	94	116602	58.418	ug/l	96
6) Chloroethane	2.92	64	119235	63.002	ug/l	98
7) Trichlorofluoromethane	3.25	101	139489	51.651	ug/l	97
8) Diethyl Ether	3.67	74	96352	64.875	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	4.06	101	141266	52.445	ug/l	97
10) Methyl Iodide	4.26	142	215323	50.610	ug/l	99
11) Tert butyl alcohol	5.19	59	69925	296.852	ug/l	97
12) 1,1-Dichloroethene	4.03	96	147438	54.087	ug/l	99
13) Acrolein	3.89	56	17547	87.203	ug/l	99
14) Allyl chloride	4.66	41	263267	50.860	ug/l	99
15) Acrylonitrile	5.37	53	191690	298.901	ug/l	98
16) Acetone	4.12	43	200032	304.455	ug/l	97
17) Carbon Disulfide	4.37	76	371276	42.645	ug/l	100
18) Methyl Acetate	4.67	43	375968	214.545	ug/l	97
19) Methyl tert-butyl Ether	5.42	73	313156	69.433	ug/l	99
20) Methylene Chloride	4.90	84	186486	61.582	ug/l	98
21) trans-1,2-Dichloroethene	5.41	96	154487	50.409	ug/l	97
22) Diisopropyl ether	6.31	45	544284	55.481	ug/l	97
23) Vinyl Acetate	6.31	43	286444	49.449	ug/l #	74
24) 1,1-Dichloroethane	6.21	63	308215	55.504	ug/l	99
25) 2-Butanone	7.17	43	286354	313.784	ug/l	99
26) 2,2-Dichloropropane	7.16	77	193972	51.677	ug/l	99
27) cis-1,2-Dichloroethene	7.16	96	182903	54.762	ug/l	96
28) Bromochloromethane	7.51	49	130682	51.237	ug/l	92
29) Tetrahydrofuran	7.52	42	189835	328.261	ug/l	97
30) Chloroform	7.67	83	310085	56.772	ug/l	100
31) Cyclohexane	7.95	56	210448	36.651	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	258190	54.729	ug/l	99
36) 1,1-Dichloropropene	8.08	75	212029	50.044	ug/l	98
37) Ethyl Acetate	7.25	43	29466	15.719	ug/l #	81
38) Carbon Tetrachloride	8.06	117	233889	54.858	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	171982	30.899	ug/l	98
40) Benzene	8.32	78	656012	55.799	ug/l	99
41) Methacrylonitrile	7.48	41	66701	60.095	ug/l	97
42) 1,2-Dichloroethane	8.40	62	208927	61.322	ug/l	98
43) Isopropyl Acetate	8.42	43	117062	30.059	ug/l #	85
44) Trichloroethene	9.09	130	169381	52.980	ug/l	100
45) 1,2-Dichloropropane	9.37	63	171516	58.510	ug/l	97
46) Dibromomethane	9.46	93	95782	63.527	ug/l	98
47) Bromodichloromethane	9.64	83	235787	59.124	ug/l	98
48) Methyl methacrylate	9.43	41	163340	85.779	ug/l	98
49) 1,4-Dioxane	9.46	88	30240	1186.565	ug/l #	93
51) 4-Methyl-2-Pentanone	10.21	43	627031	325.912	ug/l	99
52) Toluene	10.39	92	390161	50.273	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	227084	53.513	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	256503	53.264	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	132518	63.366	ug/l	99
56) Ethyl methacrylate	10.65	69	61498	20.986	ug/l	93
57) 1,3-Dichloropropane	10.93	76	227903	60.829	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	445483	312.886	ug/l	96
59) 2-Hexanone	10.97	43	421025	309.984	ug/l	99
60) Dibromochloromethane	11.13	129	160437	59.697	ug/l	98
61) 1,2-Dibromoethane	11.24	107	125715	60.626	ug/l	100
64) Tetrachloroethene	10.86	164	129221	53.259	ug/l	98
65) Chlorobenzene	11.66	112	392794	53.695	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	165012	63.048	ug/l	99
67) Ethyl Benzene	11.73	91	679913	50.564	ug/l	99
68) m/p-Xylenes	11.84	106	517794	99.247	ug/l	97
69) o-Xylene	12.16	106	255782	51.599	ug/l	97
70) Styrene	12.18	104	395071	48.249	ug/l	98
71) Bromoform	12.35	173	96055	65.229	ug/l #	100
73) Isopropylbenzene	12.46	105	604149	60.179	ug/l	99
74) N-amyl acetate	12.27	43	7551	2.920	ug/l #	93
75) 1,1,2,2-Tetrachloroethane	12.71	83	147504	92.805	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	106937m	91.339	ug/l	
77) Bromobenzene	12.75	156	150136	68.478	ug/l	100
78) n-propylbenzene	12.80	91	635318	52.690	ug/l	98
79) 2-Chlorotoluene	12.90	91	389961	57.313	ug/l	98
80) 1,3,5-Trimethylbenzene	12.94	105	467998	55.773	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	47437	80.026	ug/l	97
82) 4-Chlorotoluene	12.99	91	390449	53.898	ug/l	97
83) tert-Butylbenzene	13.21	119	389508	52.163	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	477343	55.968	ug/l	100
85) sec-Butylbenzene	13.38	105	463029	43.420	ug/l	100
86) p-Isopropyltoluene	13.50	119	421363	45.109	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	228477	51.600	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	229886	52.242	ug/l	99
89) n-Butylbenzene	13.83	91	305419	33.300	ug/l	99
90) Hexachloroethane	14.10	117	80766	44.213	ug/l	97
91) 1,2-Dichlorobenzene	13.87	146	214524	54.755	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	25209	83.592	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	89662	32.070	ug/l	98
94) Hexachlorobutadiene	15.24	225	31648	18.783	ug/l	97
95) Naphthalene	15.37	128	256756	52.302	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	75428	31.804	ug/l	98

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

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