

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW051019\
 Data File : VW010366.D
 Acq On : 10 May 2019 19:56
 Operator : SY/VA
 Sample : K2718-09MS
 Misc : 4.96G/5ML/MSVOA W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 P026-SS006-0002-01MS

Manual Integrations
 APPROVED

MMDadoda
 5/11/2019 12:12:24 PM

Quant Time: May 11 00:09:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W050919S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 10 03:41:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	124559	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	175357	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	97553	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	17685	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	102803	77.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	155.26%	
35) Dibromofluoromethane	7.88	113	80136	78.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	156.18%	
50) Toluene-d8	10.32	98	206357	49.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.76%	
62) 4-Bromofluorobenzene	12.62	95	28206	19.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	38.36%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	72466	75.629	ug/l	90
3) Chloromethane	2.21	50	91813	72.008	ug/l	97
4) Vinyl Chloride	2.36	62	118346	74.685	ug/l	96
5) Bromomethane	2.78	94	40744	44.588	ug/l	100
6) Chloroethane	2.92	64	75338	82.212	ug/l	90
7) Trichlorofluoromethane	3.25	101	117107	147.627	ug/l	99
8) Diethyl Ether	3.67	74	75943	108.899	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.04	101	95254	73.282	ug/l	96
10) Methyl Iodide	4.25	142	48162	26.165	ug/l	94
11) Tert butyl alcohol	5.18	59	61816	661.001	ug/l	99
12) 1,1-Dichloroethene	4.03	96	73125	53.838	ug/l	99
14) Allvl chloride	4.66	41	107738	53.139	ug/l	93
15) Acrylonitrile	5.37	53	85823	222.036	ug/l	98
16) Acetone	4.12	43	175838	509.354	ug/l	92
17) Carbon Disulfide	4.36	76	154947	37.719	ug/l	99
18) Methyl Acetate	4.67	43	119685	139.970	ug/l	95
19) Methyl tert-butyl Ether	5.43	73	282009	174.415	ug/l	97
20) Methylene Chloride	4.90	84	107889	74.929	ug/l	92
21) trans-1,2-Dichloroethene	5.41	96	60701	41.518	ug/l	96
22) Diisopropyl ether	6.31	45	351343	89.291	ug/l #	98
24) 1,1-Dichloroethane	6.21	63	202486	76.433	ug/l	100
25) 2-Butanone	7.18	43	128232	242.811	ug/l	94
26) 2,2-Dichloropropane	7.16	77	100481	76.233	ug/l	97
27) cis-1,2-Dichloroethene	7.17	96	72991	48.546	ug/l	99
28) Bromochloromethane	7.50	49	74324	76.098	ug/l #	18
29) Tetrahydrofuran	7.53	42	154202	451.428	ug/l	98
30) Chloroform	7.67	83	183104	73.854	ug/l	97
31) Cyclohexane	7.95	56	122783	45.266	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	160278	83.461	ug/l	97
36) 1,1-Dichloropropene	8.07	75	83484	43.908	ug/l	99
38) Carbon Tetrachloride	8.06	117	122602	75.222	ug/l	96
39) Methylcyclohexane	9.34	83	67383	28.970	ug/l	93
40) Benzene	8.32	78	346335	66.512	ug/l	98
41) Methacrylonitrile	7.48	41	8973m	15.805	ug/l	

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 1,2-Dichloroethane	8.40	62	124077	83.246	ug/l	96
44) Trichloroethene	9.09	130	55497	42.572	ug/l	97
45) 1,2-Dichloropropane	9.37	63	109478	84.582	ug/l	100
46) Dibromomethane	9.46	93	48016	71.809	ug/l	99
47) Bromodichloromethane	9.65	83	122015	76.070	ug/l	97
48) Methyl methacrylate	9.44	41	24673	31.080	ug/l #	88
49) 1,4-Dioxane	9.45	88	25966	2226.746	ug/l	92
51) 4-Methyl-2-Pentanone	10.21	43	222931	231.563	ug/l	97
52) Toluene	10.38	92	150919	47.419	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	48016	29.554	ug/l	96
54) cis-1,3-Dichloropropene	10.07	75	59510	30.928	ug/l #	87
55) 1,1,2-Trichloroethane	10.79	97	78146	82.283	ug/l	97
57) 1,3-Dichloropropane	10.93	76	115823	68.218	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	121850	202.924	ug/l	100
59) 2-Hexanone	10.97	43	44550	65.449	ug/l	98
60) Dibromochloromethane	11.13	129	68657	67.181	ug/l	99
61) 1,2-Dibromoethane	11.24	107	45761	50.193	ug/l	96
64) Tetrachloroethene	10.87	164	45654	66.958	ug/l	90
65) Chlorobenzene	11.66	112	95705	47.393	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.73	131	79426	116.370	ug/l	95
67) Ethyl Benzene	11.73	91	172156	46.342	ug/l	99
68) m/p-Xylenes	11.84	106	116933	84.718	ug/l	100
69) o-Xylene	12.16	106	68899	55.182	ug/l	98
70) Styrene	12.18	104	61449	28.245	ug/l	91
71) Bromoform	12.35	173	33993	87.125	ug/l #	98
73) Isopropylbenzene	12.46	105	151741	117.715	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	91640	322.647	ug/l	95
76) 1,2,3-Trichloropropane	12.77	75	49469m	239.917	ug/l	
77) Bromobenzene	12.75	156	28597	98.250	ug/l	69
78) n-propylbenzene	12.80	91	106334	66.788	ug/l	100
79) 2-Chlorotoluene	12.90	91	77841	85.853	ug/l	98
80) 1,3,5-Trimethylbenzene	12.94	105	98299	90.453	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.51	75	6163	67.500	ug/l	95
82) 4-Chlorotoluene	12.99	91	56008	58.957	ug/l	98
83) tert-Butylbenzene	13.21	119	100620	111.005	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	86505	80.104	ug/l	99
85) sec-Butylbenzene	13.38	105	90998	68.004	ug/l	99
86) p-Isopropyltoluene	13.50	119	65233	54.906	ug/l	98
87) 1,3-Dichlorobenzene	13.51	146	29883	51.415	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	25645	44.462	ug/l	97
89) n-Butylbenzene	13.83	91	28064	23.558	ug/l	96
90) Hexachloroethane	14.10	117	24885	112.928	ug/l	94
91) 1,2-Dichlorobenzene	13.87	146	34625	67.299	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	11059	216.222	ug/l	95
93) 1,2,4-Trichlorobenzene	15.14	180	4624	13.169	ug/l	86
94) Hexachlorobutadiene	15.24	225	6536	29.035	ug/l	99
95) Naphthalene	15.37	128	17195	23.489	ug/l	98
96) 1,2,3-Trichlorobenzene	15.56	180	6403	20.185	ug/l	90

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

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