

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW051019\
 Data File : VW010367.D
 Acq On : 10 May 2019 20:24
 Operator : SY/VA
 Sample : K2718-10MSD
 Misc : 4.52G/5ML/MSVOA W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

MMDadoda
 5/11/2019 12:12:29 PM

Quant Time: May 11 00:13:05 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	649990	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	943794	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	542985	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	105717	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	429767	62.19	ug/l	0.00
Spiked Amount			Recovery	=	124.38%	
35) Dibromofluoromethane	7.88	113	370242	67.04	ug/l	0.00
Spiked Amount			Recovery	=	134.08%	
50) Toluene-d8	10.32	98	1075191	47.81	ug/l	0.00
Spiked Amount			Recovery	=	95.62%	
62) 4-Bromofluorobenzene	12.62	95	171048	21.61	ug/l	0.00
Spiked Amount			Recovery	=	43.22%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	350358	70.101	ug/l	99
3) Chloromethane	2.21	50	449892	67.616	ug/l	98
4) Vinyl Chloride	2.37	62	502858	60.813	ug/l	99
5) Bromomethane	2.78	94	180425	37.838	ug/l	100
6) Chloroethane	2.92	64	318541	66.612	ug/l	91
7) Trichlorofluoromethane	3.25	101	179941	43.469	ug/l	95
8) Diethyl Ether	3.67	74	309470	85.040	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	4.05	101	418548	61.706	ug/l	98
10) Methyl Iodide	4.26	142	238001	24.778	ug/l	95
11) Tert butyl alcohol	5.18	59	196006	401.642	ug/l	100
12) 1,1-Dichloroethene	4.03	96	378767	53.440	ug/l	95
14) Allvl chloride	4.65	41	441464	41.726	ug/l	92
15) Acrylonitrile	5.36	53	343576	170.338	ug/l	97
16) Acetone	4.12	43	506732	281.290	ug/l	98
17) Carbon Disulfide	4.38	76	717631	33.477	ug/l	99
18) Methyl Acetate	4.67	43	496302	111.227	ug/l	96
19) Methyl tert-butyl Ether	5.42	73	805423	95.458	ug/l	100
20) Methylene Chloride	4.92	84	491281	65.384	ug/l	95
21) trans-1,2-Dichloroethene	5.42	96	319210	41.840	ug/l	92
22) Diisopropyl ether	6.31	45	1829656	89.107	ug/l	93
24) 1,1-Dichloroethane	6.21	63	1004122	72.635	ug/l	99
25) 2-Butanone	7.17	43	571803	207.485	ug/l	97
26) 2,2-Dichloropropane	7.17	77	300928	43.751	ug/l	97
27) cis-1,2-Dichloroethene	7.17	96	391858	49.944	ug/l	96
28) Bromochloromethane	7.51	49	314116	61.631	ug/l	98
29) Tetrahydrofuran	7.53	42	706579	396.395	ug/l	97
30) Chloroform	7.67	83	908597	70.229	ug/l	97
31) Cyclohexane	7.95	56	653772	46.187	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	688011	68.655	ug/l	100
36) 1,1-Dichloropropene	8.08	75	445154	43.501	ug/l	100
38) Carbon Tetrachloride	8.06	117	580236	66.146	ug/l	99
39) Methylcyclohexane	9.34	83	410467	32.789	ug/l	99
40) Benzene	8.32	78	1818902	64.902	ug/l	100
41) Methacrylonitrile	7.53	41	479767	157.011	ug/l #	49

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 1,2-Dichloroethane	8.40	62	572838	71.409	ug/l	97
44) Trichloroethene	9.09	130	290734	41.438	ug/l	95
45) 1,2-Dichloropropane	9.37	63	545021	78.237	ug/l	96
46) Dibromomethane	9.46	93	219215	60.913	ug/l	99
47) Bromodichloromethane	9.64	83	602934	69.842	ug/l	100
48) Methyl methacrylate	9.43	41	148242	34.696	ug/l	91
49) 1,4-Dioxane	9.45	88	118967	1895.562	ug/l #	94
51) 4-Methyl-2-Pentanone	10.21	43	1117705	215.711	ug/l	95
52) Toluene	10.39	92	858890	50.141	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	264011	30.192	ug/l	96
54) cis-1,3-Dichloropropene	10.07	75	331321	31.993	ug/l	89
55) 1,1,2-Trichloroethane	10.79	97	356902	69.823	ug/l	99
57) 1,3-Dichloropropane	10.93	76	554793	60.713	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	668935	206.985	ug/l	99
59) 2-Hexanone	10.97	43	249486	68.101	ug/l	95
60) Dibromochloromethane	11.13	129	333010	60.544	ug/l	100
61) 1,2-Dibromoethane	11.23	107	224054	45.661	ug/l	98
64) Tetrachloroethene	10.86	164	230893	60.840	ug/l	98
65) Chlorobenzene	11.66	112	563944	50.173	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	408599	107.554	ug/l	98
67) Ethyl Benzene	11.73	91	1162327	56.212	ug/l	100
68) m/p-Xylenes	11.84	106	846114	110.134	ug/l	100
69) o-Xylene	12.17	106	456694	65.714	ug/l	99
70) Styrene	12.18	104	462224	38.171	ug/l	94
71) Bromoform	12.35	173	161313	74.280	ug/l #	99
73) Isopropylbenzene	12.46	105	995674	129.213	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.71	83	392053	230.912	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	212202m	172.162	ug/l	
77) Bromobenzene	12.75	156	171093	98.334	ug/l	82
78) n-propylbenzene	12.80	91	712579	74.873	ug/l	99
79) 2-Chlorotoluene	12.90	91	528499	97.511	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	748244	115.180	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	33894	62.100	ug/l	99
82) 4-Chlorotoluene	12.99	91	388357	68.388	ug/l	98
83) tert-Butylbenzene	13.21	119	672831	124.173	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	662109	102.566	ug/l	99
85) sec-Butylbenzene	13.38	105	602357	75.304	ug/l	99
86) p-Isopropyltoluene	13.50	119	466241	65.648	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	189435	54.524	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	172566	50.050	ug/l	100
89) n-Butylbenzene	13.83	91	183070	25.708	ug/l	99
90) Hexachloroethane	14.10	117	124898	94.816	ug/l	93
91) 1,2-Dichlorobenzene	13.87	146	207560	67.488	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	48133	157.430	ug/l	97
93) 1,2,4-Trichlorobenzene	15.14	180	39083	18.620	ug/l	97
94) Hexachlorobutadiene	15.24	225	38328	28.483	ug/l	98
95) Naphthalene	15.37	128	134337	29.595	ug/l	98
96) 1,2,3-Trichlorobenzene	15.56	180	43735	23.064	ug/l	99

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

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