

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061319\
 Data File : VN056297.D
 Acq On : 13 Jun 2019 21:28
 Operator : JC/SP
 Sample : K3345-10MSD
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-5_061219MSD

Manual Integrations
 APPROVED

MMDadoda
 6/14/2019 9:36:51 AM

Quant Time: Jun 14 02:34:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N060419W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 11:02:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	318967	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	489473	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	437900	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	187702	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	175470	55.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.80%	
35) Dibromofluoromethane	7.59	113	158663	52.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.66%	
50) Toluene-d8	10.09	98	567872	49.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.28%	
62) 4-Bromofluorobenzene	12.40	95	191928	48.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.68%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	159937	45.673	ug/l	99
3) Chloromethane	2.06	50	179404	51.887	ug/l	100
4) Vinyl Chloride	2.18	62	176929	51.013	ug/l	100
5) Bromomethane	2.52	94	83845	38.270	ug/l	99
6) Chloroethane	2.67	64	94873	47.179	ug/l	98
7) Trichlorofluoromethane	3.00	101	225443	50.917	ug/l	97
8) Diethyl Ether	3.40	74	93263	51.220	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.74	101	139933	52.027	ug/l	98
10) Methyl Iodide	3.94	142	150311	35.167	ug/l	98
11) Tert butyl alcohol	4.82	59	138446	251.200	ug/l #	90
12) 1,1-Dichloroethene	3.72	96	138413	51.691	ug/l	97
13) Acrolein	3.60	56	35039	220.436	ug/l	96
14) Allyl chloride	4.31	41	229186	54.204	ug/l	97
15) Acrylonitrile	4.99	53	426432	317.846	ug/l	99
16) Acetone	3.82	43	346863	228.996	ug/l	99
17) Carbon Disulfide	4.03	76	301312	46.997	ug/l	99
18) Methyl Acetate	4.33	43	172389	58.032	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	469146	54.966	ug/l	94
20) Methylene Chloride	4.54	84	165953	53.179	ug/l	99
21) trans-1,2-Dichloroethene	5.03	96	143624	50.060	ug/l	97
22) Diisopropyl ether	5.96	45	488243	55.861	ug/l	99
23) Vinyl Acetate	5.90	43	1650396	239.778	ug/l	99
24) 1,1-Dichloroethane	5.84	63	282324	55.997	ug/l	99
25) 2-Butanone	6.84	43	555759	290.397	ug/l	100
26) 2,2-Dichloropropane	6.82	77	138986	35.328	ug/l	97
27) cis-1,2-Dichloroethene	6.83	96	178514	52.933	ug/l	97
28) Bromochloromethane	7.19	49	135601	56.874	ug/l	97
29) Tetrahydrofuran	7.22	42	372985	315.290	ug/l	98
30) Chloroform	7.37	83	283471	55.891	ug/l	99
31) Cyclohexane	7.65	56	245695	48.890	ug/l	99
32) 1,1,1-Trichloroethane	7.57	97	228234	53.888	ug/l	98
36) 1,1-Dichloropropene	7.79	75	200730	47.693	ug/l	99
37) Ethyl Acetate	6.94	43	185046	49.414	ug/l	99
38) Carbon Tetrachloride	7.77	117	192954	49.727	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	236343	45.078	ug/l	100
40) Benzene	8.04	78	640183	50.081	ug/l	99
41) Methacrylonitrile	7.18	41	112147	65.090	ug/l	98
42) 1,2-Dichloroethane	8.12	62	216618	52.681	ug/l	99
43) Isopropyl Acetate	8.17	43	302048	49.775	ug/l #	92
44) Trichloroethene	8.83	130	175700	47.833	ug/l	100
45) 1,2-Dichloropropane	9.12	63	174018	53.147	ug/l	100
46) Dibromomethane	9.21	93	115368	53.882	ug/l	96
47) Bromodichloromethane	9.40	83	212711	54.814	ug/l	98
48) Methyl methacrylate	9.20	41	169411	57.064	ug/l	99
49) 1,4-Dioxane	9.21	88	73131	1141.017	ug/l	96
51) 4-Methyl-2-Pentanone	9.99	43	1100220	289.926	ug/l	99
52) Toluene	10.16	92	395529	49.725	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	207254	45.766	ug/l	97
54) cis-1,3-Dichloropropene	9.84	75	235557	50.499	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	167816	53.260	ug/l	97
56) Ethyl methacrylate	10.43	69	252820	55.000	ug/l	99
57) 1,3-Dichloropropane	10.71	76	279641	54.594	ug/l	100
59) 2-Hexanone	10.75	43	765926	278.477	ug/l	99
60) Dibromochloromethane	10.90	129	174245	50.134	ug/l	99
61) 1,2-Dibromoethane	11.00	107	172893	53.675	ug/l	100
64) Tetrachloroethene	10.63	164	156931	41.401	ug/l	99
65) Chlorobenzene	11.43	112	432645	49.643	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	163001	54.167	ug/l	99
67) Ethyl Benzene	11.51	91	1074635	70.914	ug/l	100
68) m/p-Xylenes	11.62	106	682954	117.974	ug/l	100
69) o-Xylene	11.95	106	275778	48.429	ug/l	98
70) Stvrene	11.96	104	466903	51.605	ug/l	100
71) Bromoform	12.13	173	128189	50.699	ug/l #	99
73) Isopropylbenzene	12.25	105	807609	60.889	ug/l	100
74) N-amyl acetate	12.07	43	230869	46.142	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	239417	54.945	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	207444m	60.063	ug/l	
77) Bromobenzene	12.53	156	195441	48.633	ug/l	99
78) n-propylbenzene	12.59	91	864907	54.467	ug/l	99
79) 2-Chlorotoluene	12.67	91	491050	56.032	ug/l	98
80) 1,3,5-Trimethylbenzene	12.73	105	628529	49.803	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	52202	50.334	ug/l	92
82) 4-Chlorotoluene	12.77	91	465147	50.069	ug/l	100
83) tert-Butylbenzene	12.99	119	528726	54.226	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	763277	63.777	ug/l	100
85) sec-Butylbenzene	13.17	105	688190	48.937	ug/l	100
86) p-Isopropyltoluene	13.29	119	607294	48.253	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	312533	50.249	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	301051	50.317	ug/l	99
89) n-Butylbenzene	13.61	91	449286	48.190	ug/l	100
90) Hexachloroethane	13.87	117	104552	55.085	ug/l	94
91) 1,2-Dichlorobenzene	13.65	146	318242	50.680	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	39775	63.820	ug/l	98
93) 1,2,4-Trichlorobenzene	14.91	180	144513	42.465	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	15.01	225	104883	48.642	ug/l	98
95) Naphthalene	15.13	128	481092	53.310	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	165924	47.229	ug/l	98

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

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