

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062220\
 Data File : VN062012.D
 Acq On : 22 Jun 2020 20:19
 Operator : JC/MD
 Sample : L3043-12MSD
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE139D2-20200616MSD

Manual Integrations
 APPROVED

MMDadoda
 6/23/2020 12:47:32 PM

Quant Time: Jun 23 06:21:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 17 01:19:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	143216	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	269235	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	256099	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	120687	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	110069	57.31	ug/l	0.00
Spiked Amount			Recovery	=	114.62%	
35) Dibromofluoromethane	7.55	113	90299	52.43	ug/l	0.00
Spiked Amount			Recovery	=	104.86%	
50) Toluene-d8	10.06	98	350023	51.69	ug/l	0.00
Spiked Amount			Recovery	=	103.38%	
62) 4-Bromofluorobenzene	12.38	95	118708	51.11	ug/l	0.00
Spiked Amount			Recovery	=	102.22%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	103212	55.356	ug/l	96
3) Chloromethane	2.03	50	115307	58.004	ug/l	98
4) Vinyl Chloride	2.16	62	139232	58.752	ug/l	100
5) Bromomethane	2.52	94	86004	47.259	ug/l	98
6) Chloroethane	2.66	64	94726	59.061	ug/l	99
7) Trichlorofluoromethane	2.97	101	165576	58.492	ug/l	97
8) Diethyl Ether	3.37	74	60691	63.774	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.72	101	82351	56.706	ug/l	99
10) Methyl Iodide	3.91	142	109775	61.288	ug/l	99
11) Tert butyl alcohol	4.73	59	81493	306.605	ug/l	98
12) 1,1-Dichloroethene	3.69	96	89458	61.477	ug/l	97
13) Acrolein	3.56	56	35701	224.737	ug/l	97
14) Allyl chloride	4.27	41	95830	49.620	ug/l	97
15) Acrylonitrile	4.93	53	217334	330.000	ug/l	98
16) Acetone	3.77	43	184459	325.123	ug/l	99
17) Carbon Disulfide	4.00	76	227000	53.315	ug/l	99
18) Methyl Acetate	4.28	43	51167	31.325	ug/l	97
19) Methyl tert-butyl Ether	4.99	73	297339	61.370	ug/l	98
20) Methylene Chloride	4.50	84	104120	56.329	ug/l	98
21) trans-1,2-Dichloroethene	4.99	96	95449	57.107	ug/l	98
22) Diisopropyl ether	5.90	45	266232	60.275	ug/l	96
23) Vinyl Acetate	5.84	43	345716	99.516	ug/l	98
24) 1,1-Dichloroethane	5.80	63	174743	60.435	ug/l	99
25) 2-Butanone	6.79	43	268201	324.006	ug/l	99
26) 2,2-Dichloropropane	6.77	77	19652	8.079	ug/l #	63
27) cis-1,2-Dichloroethene	6.78	96	114919	59.589	ug/l	93
28) Bromochloromethane	7.15	49	75972	59.012	ug/l	98
29) Tetrahydrofuran	7.16	42	179178	328.912	ug/l	98
30) Chloroform	7.33	83	183656	59.433	ug/l	99
31) Cyclohexane	7.61	56	135381	53.486	ug/l	99
32) 1,1,1-Trichloroethane	7.53	97	153085	58.170	ug/l	98
36) 1,1-Dichloropropene	7.75	75	129861	52.881	ug/l	100
37) Ethyl Acetate	6.88	43	57523	29.996	ug/l	96
38) Carbon Tetrachloride	7.73	117	135780	55.834	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	129930	49.136	ug/l	98
40) Benzene	8.00	78	411543	55.323	ug/l	97
41) Methacrylonitrile	7.12	41	45096	54.993	ug/l #	100
42) 1,2-Dichloroethane	8.09	62	139381	54.951	ug/l	100
43) Isopropyl Acetate	8.12	43	121513	37.600	ug/l #	88
44) Trichloroethene	8.80	130	434491	221.935	ug/l	99
45) 1,2-Dichloropropane	9.08	63	104516	57.171	ug/l	98
46) Dibromomethane	9.17	93	71426	55.483	ug/l	98
47) Bromodichloromethane	9.37	83	144374	54.769	ug/l	96
48) Methyl methacrylate	9.17	41	87651	59.640	ug/l	95
49) 1,4-Dioxane	9.17	88	39938	1183.626	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	577404	302.345	ug/l	100
52) Toluene	10.12	92	261597	55.994	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	115851	41.399	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	124732	41.038	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	106208	57.780	ug/l	99
56) Ethyl methacrylate	10.40	69	144438	51.359	ug/l	98
57) 1,3-Dichloropropane	10.68	76	177625	57.039	ug/l	100
59) 2-Hexanone	10.72	43	422358	275.387	ug/l	99
60) Dibromochloromethane	10.87	129	114258	55.706	ug/l	100
61) 1,2-Dibromoethane	10.98	107	106077	55.266	ug/l	99
64) Tetrachloroethene	10.60	164	81466	49.909	ug/l	98
65) Chlorobenzene	11.40	112	278565	51.549	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	102923	54.610	ug/l	99
67) Ethyl Benzene	11.48	91	491010	54.193	ug/l	99
68) m/p-Xylenes	11.59	106	377724	108.116	ug/l	99
69) o-Xylene	11.92	106	182333	54.697	ug/l	97
70) Styrene	11.94	104	308490	55.269	ug/l	99
71) Bromoform	12.10	173	76227	55.469	ug/l #	100
73) Isopropylbenzene	12.22	105	471432	54.970	ug/l	100
74) N-amyl acetate	12.05	43	69178	23.973	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	156620	56.170	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	129139m	54.503	ug/l	
77) Bromobenzene	12.50	156	117335	54.230	ug/l	99
78) n-propylbenzene	12.56	91	526314	53.784	ug/l	99
79) 2-Chlorotoluene	12.65	91	320046	54.455	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	387938	54.676	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	25245	29.060	ug/l	99
82) 4-Chlorotoluene	12.75	91	327396	53.910	ug/l	99
83) tert-Butylbenzene	12.97	119	331183	55.058	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	390791	55.796	ug/l	100
85) sec-Butylbenzene	13.15	105	423708	53.817	ug/l	99
86) p-Isopropyltoluene	13.26	119	371134	52.901	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	204665	51.864	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	201651	49.921	ug/l	98
89) n-Butylbenzene	13.59	91	278372	47.512	ug/l	98
90) Hexachloroethane	13.85	117	72282	56.285	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	205471	54.085	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	27247	60.193	ug/l	94
93) 1,2,4-Trichlorobenzene	14.88	180	87730	48.938	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	14.99	225	32057	45.403	ug/l	99
95) Naphthalene	15.10	128	281527	47.112	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	91762	51.685	ug/l	99

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

