

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062220\
 Data File : VN062011.D
 Acq On : 22 Jun 2020 19:55
 Operator : JC/MD
 Sample : L3043-11MS
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE139D2-20200616MS

Manual Integrations
 APPROVED

MMDadoda
 6/23/2020 12:47:29 PM

Quant Time: Jun 23 06:19:22 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	146978	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	281887	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	266715	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	127166	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	106369	53.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.92%	
35) Dibromofluoromethane	7.55	113	89166	49.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.88%	
50) Toluene-d8	10.06	98	343478	48.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.90%	
62) 4-Bromofluorobenzene	12.38	95	115082	47.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	100336	52.451	ug/l	98
3) Chloromethane	2.03	50	114561	56.154	ug/l	98
4) Vinyl Chloride	2.16	62	138637	57.003	ug/l	100
5) Bromomethane	2.52	94	85262	45.652	ug/l	100
6) Chloroethane	2.66	64	94752	57.565	ug/l	98
7) Trichlorofluoromethane	2.98	101	166225	57.218	ug/l	98
8) Diethyl Ether	3.37	74	59936	61.369	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.71	101	80071	53.725	ug/l	98
10) Methyl Iodide	3.91	142	107394	58.673	ug/l	98
11) Tert butyl alcohol	4.73	59	81747	299.689	ug/l	98
12) 1,1-Dichloroethene	3.69	96	87957	58.899	ug/l	96
13) Acrolein	3.56	56	33981	208.435	ug/l	99
14) Allyl chloride	4.27	41	95571	48.219	ug/l	96
15) Acrylonitrile	4.93	53	216761	320.706	ug/l	99
16) Acetone	3.78	43	189169	324.891	ug/l	97
17) Carbon Disulfide	4.00	76	222547	50.931	ug/l	100
18) Methyl Acetate	4.28	43	53023	31.631	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	294328	59.194	ug/l	99
20) Methylene Chloride	4.50	84	104135	54.895	ug/l	99
21) trans-1,2-Dichloroethene	4.99	96	92544	53.952	ug/l	98
22) Diisopropyl ether	5.90	45	262272	57.859	ug/l	96
23) Vinyl Acetate	5.84	43	347981	97.605	ug/l	98
24) 1,1-Dichloroethane	5.80	63	174586	58.836	ug/l	99
25) 2-Butanone	6.79	43	264777	311.682	ug/l	99
26) 2,2-Dichloropropane	6.77	77	19789	7.927	ug/l #	63
27) cis-1,2-Dichloroethene	6.78	96	114940	58.074	ug/l	92
28) Bromochloromethane	7.15	49	76967	58.255	ug/l	97
29) Tetrahydrofuran	7.17	42	177461	317.422	ug/l	97
30) Chloroform	7.33	83	181504	57.233	ug/l	100
31) Cyclohexane	7.61	56	134863	51.917	ug/l	99
32) 1,1,1-Trichloroethane	7.53	97	152457	56.449	ug/l	99
36) 1,1-Dichloropropene	7.75	75	126466	49.187	ug/l	99
37) Ethyl Acetate	6.88	43	58311	29.042	ug/l	99
38) Carbon Tetrachloride	7.73	117	132684	52.112	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	125931	45.486	ug/l	99
40) Benzene	8.00	78	409313	52.553	ug/l	98
41) Methacrylonitrile	7.13	41	48891m	56.945	ug/l	
42) 1,2-Dichloroethane	8.08	62	139129	52.390	ug/l	100
43) Isopropyl Acetate	8.13	43	122161	36.104	ug/l #	89
44) Trichloroethene	8.80	130	425592	207.632	ug/l	99
45) 1,2-Dichloropropane	9.08	63	102203	53.397	ug/l	98
46) Dibromomethane	9.17	93	70208	52.089	ug/l	99
47) Bromodichloromethane	9.37	83	144193	52.245	ug/l	99
48) Methyl methacrylate	9.17	41	88031	57.210	ug/l	94
49) 1,4-Dioxane	9.17	88	39062	1105.704	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	573717	286.931	ug/l	100
52) Toluene	10.12	92	259020	52.954	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	115387	39.383	ug/l	97
54) cis-1,3-Dichloropropene	9.81	75	120294	37.801	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	107990	56.112	ug/l	99
56) Ethyl methacrylate	10.40	69	143625	48.924	ug/l	100
57) 1,3-Dichloropropane	10.68	76	177059	54.306	ug/l	99
59) 2-Hexanone	10.72	43	418405	261.286	ug/l	100
60) Dibromochloromethane	10.87	129	114160	53.160	ug/l	99
61) 1,2-Dibromoethane	10.98	107	105808	52.652	ug/l	99
64) Tetrachloroethene	10.60	164	79756	46.917	ug/l	96
65) Chlorobenzene	11.41	112	276149	49.068	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	101820	51.875	ug/l	99
67) Ethyl Benzene	11.48	91	485825	51.486	ug/l	100
68) m/p-Xylenes	11.59	106	372524	102.384	ug/l	100
69) o-Xylene	11.92	106	183174	52.762	ug/l	100
70) Styrene	11.94	104	304420	52.369	ug/l	100
71) Bromoform	12.10	173	77120	53.886	ug/l #	99
73) Isopropylbenzene	12.22	105	464890	51.445	ug/l	100
74) N-amyl acetate	12.05	43	73369	24.110	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	153946	52.398	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	123905m	49.630	ug/l	
77) Bromobenzene	12.50	156	114818	50.363	ug/l	99
78) n-propylbenzene	12.56	91	513773	49.827	ug/l	100
79) 2-Chlorotoluene	12.65	91	318815	51.482	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	387699	51.858	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	24759	27.048	ug/l	98
82) 4-Chlorotoluene	12.75	91	324816	50.760	ug/l	98
83) tert-Butylbenzene	12.97	119	330541	52.152	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	390042	52.852	ug/l	99
85) sec-Butylbenzene	13.15	105	416483	50.204	ug/l	98
86) p-Isopropyltoluene	13.26	119	367959	49.776	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	203425	48.923	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	200308	47.062	ug/l	99
89) n-Butylbenzene	13.59	91	265320	42.977	ug/l	99
90) Hexachloroethane	13.85	117	72812	53.809	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	206680	51.632	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	26699	55.977	ug/l	97
93) 1,2,4-Trichlorobenzene	14.88	180	83873	44.403	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	14.98	225	30821	41.428	ug/l	99
95) Naphthalene	15.10	128	267000	42.752	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	89067	47.611	ug/l	100

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

