

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062620\
 Data File : VN062177.D
 Acq On : 27 Jun 2020 7:05
 Operator : JC/MD
 Sample : L3088-09MS
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 56BR-20200622MS

Manual Integrations
 APPROVED

MMDadoda
 6/29/2020 12:35:57 PM

Quant Time: Jun 27 07:29:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 24 15:33:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	223268	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	417691	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	394329	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	178852	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	165502	52.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.64%	
35) Dibromofluoromethane	7.55	113	130890	48.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.70%	
50) Toluene-d8	10.06	98	521218	48.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.32%	
62) 4-Bromofluorobenzene	12.37	95	176829	48.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.72%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	162189	64.268	ug/l	97
3) Chloromethane	2.03	50	148963	50.142	ug/l	98
4) Vinyl Chloride	2.16	62	563627	141.820	ug/l	98
5) Bromomethane	2.52	94	114277	44.491	ug/l	97
6) Chloroethane	2.66	64	127134	46.829	ug/l	98
7) Trichlorofluoromethane	2.98	101	207296	42.331	ug/l	99
8) Diethyl Ether	3.37	74	89848	52.543	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.72	101	209636	81.747	ug/l	99
10) Methyl Iodide	3.91	142	158976	55.045	ug/l	100
11) Tert butyl alcohol	4.73	59	123703	274.982	ug/l	100
12) 1,1-Dichloroethene	3.70	96	157084	61.273	ug/l	98
13) Acrolein	3.56	56	126142	286.401	ug/l	99
14) Allyl chloride	4.27	41	176226	50.489	ug/l	97
15) Acrylonitrile	4.93	53	330957	269.975	ug/l	100
16) Acetone	3.77	43	265374	270.162	ug/l	99
17) Carbon Disulfide	4.01	76	346111	47.138	ug/l	99
18) Methyl Acetate	4.28	43	117767	47.283	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	440253	53.742	ug/l	98
20) Methylene Chloride	4.50	84	152852	53.156	ug/l	97
21) trans-1,2-Dichloroethene	4.99	96	159076	54.469	ug/l	98
22) Diisopropyl ether	5.90	45	418110	52.611	ug/l	99
23) Vinyl Acetate	5.84	43	1490849	229.768	ug/l	99
24) 1,1-Dichloroethane	5.80	63	259822	50.770	ug/l	99
25) 2-Butanone	6.79	43	424790	277.374	ug/l #	81
26) 2,2-Dichloropropane	6.77	77	139360	32.679	ug/l #	1
27) cis-1,2-Dichloroethene	6.78	96	6170246	1877.544	ug/l	86
28) Bromochloromethane	7.15	49	113065	50.921	ug/l	98
29) Tetrahydrofuran	7.17	42	280628	279.737	ug/l	99
30) Chloroform	7.33	83	267191	51.316	ug/l	100
31) Cyclohexane	7.62	56	207530	47.942	ug/l	100
32) 1,1,1-Trichloroethane	7.53	97	222815	50.744	ug/l	99
36) 1,1-Dichloropropene	7.75	75	198218	47.212	ug/l	98
37) Ethyl Acetate	6.88	43	154983	44.580	ug/l #	80
38) Carbon Tetrachloride	7.73	117	182295	46.055	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	225656	49.054	ug/l	98
40) Benzene	8.00	78	612130	47.835	ug/l	98
41) Methacrylonitrile	7.13	41	76364	47.380	ug/l	96
42) 1,2-Dichloroethane	8.09	62	209264	48.401	ug/l	99
43) Isopropyl Acetate	8.13	43	269348	47.527	ug/l	99
44) Trichloroethene	8.81	130	12910423	3999.529	ug/l	96
45) 1,2-Dichloropropane	9.09	63	164500	52.107	ug/l	97
46) Dibromomethane	9.18	93	107199	50.082	ug/l	99
47) Bromodichloromethane	9.37	83	224062	51.844	ug/l	99
48) Methyl methacrylate	9.17	41	140578	55.323	ug/l	97
49) 1,4-Dioxane	9.17	88	56883	1009.440	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	901310	272.204	ug/l	99
52) Toluene	10.12	92	391221	50.106	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	231295	48.644	ug/l	96
54) cis-1,3-Dichloropropene	9.81	75	246411	48.676	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	154109	50.211	ug/l	97
56) Ethyl methacrylate	10.40	69	226419	55.278	ug/l	100
57) 1,3-Dichloropropane	10.68	76	269088	50.936	ug/l	99
59) 2-Hexanone	10.72	43	649058	271.461	ug/l	100
60) Dibromochloromethane	10.87	129	165241	50.852	ug/l	98
61) 1,2-Dibromoethane	10.98	107	156601	49.657	ug/l	100
64) Tetrachloroethene	10.60	164	144755	53.740	ug/l	98
65) Chlorobenzene	11.41	112	410699	47.427	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	144498	48.256	ug/l	99
67) Ethyl Benzene	11.48	91	727070	49.715	ug/l	99
68) m/p-Xylenes	11.60	106	553992	97.936	ug/l	99
69) o-Xylene	11.92	106	265694	49.782	ug/l	98
70) Stvrene	11.94	104	448986	50.443	ug/l	99
71) Bromoform	12.10	173	106621	50.080	ug/l #	98
73) Isopropylbenzene	12.22	105	696748	50.326	ug/l	100
74) N-amyl acetate	12.05	43	221766	43.948	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	228117	49.514	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	183947m	43.690	ug/l	
77) Bromobenzene	12.50	156	164835	47.957	ug/l	97
78) n-propylbenzene	12.56	91	790943	49.945	ug/l	100
79) 2-Chlorotoluene	12.65	91	468263	48.911	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	570694	50.850	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	65851	45.676	ug/l	98
82) 4-Chlorotoluene	12.75	91	489298	49.423	ug/l	98
83) tert-Butylbenzene	12.97	119	474417	49.394	ug/l	97
84) 1,2,4-Trimethylbenzene	13.01	105	565590	50.458	ug/l	100
85) sec-Butylbenzene	13.15	105	643042	50.667	ug/l	99
86) p-Isopropyltoluene	13.26	119	571098	51.361	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	294548	48.802	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	293971	47.250	ug/l	100
89) n-Butylbenzene	13.59	91	469163	50.751	ug/l	100
90) Hexachloroethane	13.85	117	110496	50.649	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	283220	48.391	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.24	75	37403	50.679	ug/l	99
93) 1,2,4-Trichlorobenzene	14.88	180	129893	50.803	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	14.99	225	51892	46.728	ug/l	98
95) Naphthalene	15.10	128	387707	45.840	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	128927	49.315	ug/l	98

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

