

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061120\
 Data File : VN061768.D
 Acq On : 12 Jun 2020 4:54
 Operator : JC/MD
 Sample : VN0611WBSD02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0611WBSD02

Manual Integrations
 APPROVED

MMDadoda
 6/12/2020 5:46:35 PM

Quant Time: Jun 12 08:53:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052820W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 29 02:14:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	253415	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.54	114	433797	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	405085	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	188461	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.98	65	164411	54.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.90%	
35) Dibromofluoromethane	7.54	113	133486	60.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	121.32%	
50) Toluene-d8	10.06	98	499015	48.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.86%	
62) 4-Bromofluorobenzene	12.37	95	174596	46.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.86%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	43754	15.759	ug/l	99
3) Chloromethane	2.03	50	60554	19.591	ug/l	100
4) Vinyl Chloride	2.16	62	70923	16.745	ug/l	99
5) Bromomethane	2.54	94	53057	21.830	ug/l	98
6) Chloroethane	2.67	64	51414	18.858	ug/l	99
7) Trichlorofluoromethane	2.98	101	100644	18.426	ug/l	99
8) Diethyl Ether	3.37	74	37452	22.424	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.72	101	41095	16.955	ug/l	96
10) Methyl Iodide	3.91	142	73857	21.951	ug/l	99
11) Tert butyl alcohol	4.72	59	48150	119.896	ug/l	98
12) 1,1-Dichloroethene	3.69	96	44558	17.207	ug/l	90
13) Acrolein	3.56	56	11762	80.300	ug/l	96
14) Allyl chloride	4.27	41	61530	18.175	ug/l	97
15) Acrylonitrile	4.92	53	118628	105.829	ug/l	100
16) Acetone	3.77	43	94607	110.229	ug/l	94
17) Carbon Disulfide	4.00	76	104890	18.411	ug/l	100
18) Methyl Acetate	4.27	43	56664	20.731	ug/l	97
19) Methyl tert-butyl Ether	4.99	73	190231	21.555	ug/l	98
20) Methylene Chloride	4.50	84	65058	22.759	ug/l	97
21) trans-1,2-Dichloroethene	4.98	96	56763	19.438	ug/l	94
22) Diisopropyl ether	5.89	45	162100	21.725	ug/l	97
23) Vinyl Acetate	5.83	43	573285	96.401	ug/l	97
24) 1,1-Dichloroethane	5.79	63	100279	21.194	ug/l	99
25) 2-Butanone	6.78	43	136888	95.664	ug/l	94
26) 2,2-Dichloropropane	6.77	77	60086	13.875	ug/l	97
27) cis-1,2-Dichloroethene	6.77	96	74687	22.586	ug/l	92
28) Bromochloromethane	7.14	49	41625	22.672	ug/l	95
29) Tetrahydrofuran	7.16	42	88769	94.077	ug/l	95
30) Chloroform	7.32	83	115333	22.034	ug/l	100
31) Cyclohexane	7.61	56	60706	14.266	ug/l #	95
32) 1,1,1-Trichloroethane	7.52	97	90934	19.065	ug/l	99
36) 1,1-Dichloropropene	7.75	75	64876	16.894	ug/l	98
37) Ethyl Acetate	6.88	43	57637	18.634	ug/l	96
38) Carbon Tetrachloride	7.73	117	67063	18.105	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.04	83	61758	13.047	ug/l	99
40) Benzene	8.00	78	241781	20.405	ug/l	100
41) Methacrylonitrile	7.12	41	31031	21.897	ug/l #	85
42) 1,2-Dichloroethane	8.08	62	86615	21.835	ug/l	99
43) Isopropyl Acetate	8.12	43	101951	18.321	ug/l	96
44) Trichloroethene	8.80	130	69205	19.005	ug/l	94
45) 1,2-Dichloropropane	9.08	63	60648	21.556	ug/l	96
46) Dibromomethane	9.17	93	46984	21.773	ug/l	95
47) Bromodichloromethane	9.36	83	96051	22.467	ug/l	99
48) Methyl methacrylate	9.16	41	45118	18.021	ug/l	98
49) 1,4-Dioxane	9.16	88	25205	649.847	ug/l	95
51) 4-Methyl-2-Pentanone	9.95	43	296219	94.461	ug/l	98
52) Toluene	10.12	92	152033	19.659	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	90137	19.572	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	99005	19.993	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	69488	22.553	ug/l	95
56) Ethyl methacrylate	10.40	69	84209	19.565	ug/l	98
57) 1,3-Dichloropropane	10.68	76	107310	21.776	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	148643	80.815	ug/l	98
59) 2-Hexanone	10.72	43	204462	90.787	ug/l	97
60) Dibromochloromethane	10.87	129	77868	22.230	ug/l	100
61) 1,2-Dibromoethane	10.98	107	69735	21.701	ug/l	100
64) Tetrachloroethene	10.60	164	68927	18.076	ug/l	97
65) Chlorobenzene	11.40	112	170286	20.223	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	67929	21.666	ug/l	99
67) Ethyl Benzene	11.48	91	265988	18.277	ug/l	99
68) m/p-Xylenes	11.59	106	211366	36.629	ug/l	98
69) o-Xylene	11.92	106	101253	18.474	ug/l	100
70) Styrene	11.94	104	175282	19.312	ug/l	98
71) Bromoform	12.10	173	52273	21.637	ug/l #	99
73) Isopropylbenzene	12.22	105	251156	18.259	ug/l	100
74) N-amyl acetate	12.04	43	80187	18.511	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.48	83	82956	21.521	ug/l	97
76) 1,2,3-Trichloropropane	12.53	75	76108m	22.209	ug/l	
77) Bromobenzene	12.50	156	77691	22.127	ug/l	96
78) n-propylbenzene	12.56	91	269393	17.543	ug/l	100
79) 2-Chlorotoluene	12.65	91	173662	18.966	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	210999	18.353	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	22931	17.112	ug/l	98
82) 4-Chlorotoluene	12.75	91	178182	18.498	ug/l	98
83) tert-Butylbenzene	12.97	119	169130	16.650	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	214033	18.740	ug/l	99
85) sec-Butylbenzene	13.15	105	217826	16.641	ug/l	98
86) p-Isopropyltoluene	13.26	119	201329	16.702	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	126551	20.354	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	128707	20.320	ug/l	98
89) n-Butylbenzene	13.59	91	154465	15.299	ug/l	99
90) Hexachloroethane	13.85	117	31013	23.264	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	125952	21.198	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.24	75	14238	18.112	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	67386	19.392	ug/l	99
94) Hexachlorobutadiene	14.98	225	25619	17.286	ug/l	98
95) Naphthalene	15.10	128	199374	18.850	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	68816	20.141	ug/l	98

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

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