

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100920\
 Data File : VN064053.D
 Acq On : 9 Oct 2020 22:49
 Operator : JC/MD
 Sample : VN1009WBSD02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1009WBSD02

Manual Integrations
 APPROVED

MMDadoda
 10/12/2020 2:10:14 PM

Quant Time: Oct 10 02:51:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 01:46:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	231550	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	390012	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	371546	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	162668	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	197398	51.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.20%	
35) Dibromofluoromethane	7.55	113	139868	51.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.36%	
50) Toluene-d8	10.06	98	507704	49.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.98%	
62) 4-Bromofluorobenzene	12.38	95	184578	47.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.72%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	43084	17.634	ug/l	99
3) Chloromethane	2.04	50	55219	19.262	ug/l	98
4) Vinyl Chloride	2.16	62	52095	18.103	ug/l	99
5) Bromomethane	2.53	94	32284	17.836	ug/l	98
6) Chloroethane	2.67	64	34072	19.814	ug/l	94
7) Trichlorofluoromethane	2.99	101	84221	18.453	ug/l	98
8) Diethyl Ether	3.38	74	29647	19.207	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	3.72	101	47134	19.322	ug/l	97
10) Methyl Iodide	3.91	142	52678	18.598	ug/l	99
11) Tert butyl alcohol	4.73	59	47603	112.714	ug/l #	81
12) 1,1-Dichloroethene	3.70	96	43146	18.504	ug/l	95
13) Acrolein	3.57	56	36279	139.963	ug/l	99
14) Allyl chloride	4.28	41	92959	21.460	ug/l	87
15) Acrylonitrile	4.93	53	141376	116.946	ug/l	98
16) Acetone	3.78	43	128573	109.185	ug/l	99
17) Carbon Disulfide	4.01	76	116414	18.914	ug/l	97
18) Methyl Acetate	4.28	43	72224	23.622	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	169088	19.960	ug/l	99
20) Methylene Chloride	4.51	84	55656	20.692	ug/l	96
21) trans-1,2-Dichloroethene	4.99	96	47638	18.240	ug/l	95
22) Diisopropyl ether	5.90	45	202249	22.693	ug/l	97
23) Vinyl Acetate	5.85	43	781123	105.805	ug/l	99
24) 1,1-Dichloroethane	5.80	63	106438	20.887	ug/l	99
25) 2-Butanone	6.79	43	193457	115.877	ug/l	98
26) 2,2-Dichloropropane	6.78	77	76218	16.333	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	58360	19.429	ug/l	99
28) Bromochloromethane	7.15	49	54257	21.542	ug/l	93
29) Tetrahydrofuran	7.16	42	134167	119.821	ug/l	94
30) Chloroform	7.33	83	111602	21.004	ug/l	95
31) Cyclohexane	7.62	56	82035	18.472	ug/l	93
32) 1,1,1-Trichloroethane	7.53	97	96261	20.086	ug/l	98
36) 1,1-Dichloropropene	7.75	75	74508	18.857	ug/l	99
37) Ethyl Acetate	6.88	43	81701	20.812	ug/l	99
38) Carbon Tetrachloride	7.73	117	82121	18.535	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	63590	16.138	ug/l	95
40) Benzene	8.00	78	224852	19.924	ug/l	97
41) Methacrylonitrile	7.12	41	31053	17.799	ug/l #	61
42) 1,2-Dichloroethane	8.09	62	93932	19.498	ug/l	100
43) Isopropyl Acetate	8.13	43	134169	20.721	ug/l	99
44) Trichloroethene	8.80	130	54076	18.288	ug/l	97
45) 1,2-Dichloropropane	9.08	63	63122	20.710	ug/l	97
46) Dibromomethane	9.17	93	39752	18.906	ug/l	97
47) Bromodichloromethane	9.37	83	87180	20.119	ug/l	98
48) Methyl methacrylate	9.17	41	67101	20.975	ug/l	91
49) 1,4-Dioxane	9.17	88	17827	392.094	ug/l	95
51) 4-Methyl-2-Pentanone	9.95	43	433706	114.137	ug/l	100
52) Toluene	10.13	92	137936	19.760	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	85370	18.379	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	93399	19.226	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	56355	20.131	ug/l	97
56) Ethyl methacrylate	10.40	69	78762	19.849	ug/l	92
57) 1,3-Dichloropropane	10.68	76	95810	20.229	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.67	63	211535	99.660	ug/l	98
59) 2-Hexanone	10.72	43	310894	110.138	ug/l	98
60) Dibromochloromethane	10.87	129	62205	19.080	ug/l	98
61) 1,2-Dibromoethane	10.98	107	56301	19.661	ug/l	97
64) Tetrachloroethene	10.60	164	49969	17.383	ug/l	99
65) Chlorobenzene	11.41	112	141544	18.572	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	56656	19.390	ug/l	100
67) Ethyl Benzene	11.49	91	252704	18.221	ug/l	99
68) m/p-Xylenes	11.60	106	187154	36.209	ug/l	99
69) o-Xylene	11.92	106	87759	18.166	ug/l	98
70) Styrene	11.94	104	152381	18.582	ug/l	100
71) Bromoform	12.10	173	43258	19.357	ug/l #	99
73) Isopropylbenzene	12.23	105	237357	20.005	ug/l	100
74) N-amyl acetate	12.05	43	106524	20.677	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	81990	22.598	ug/l	97
76) 1,2,3-Trichloropropane	12.53	75	82761m	23.080	ug/l	
77) Bromobenzene	12.50	156	59646	20.487	ug/l	96
78) n-propylbenzene	12.57	91	273531	19.809	ug/l	98
79) 2-Chlorotoluene	12.65	91	172014	20.255	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	198645	19.956	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	23828	19.139	ug/l	92
82) 4-Chlorotoluene	12.75	91	175462	19.903	ug/l	100
83) tert-Butylbenzene	12.97	119	158226	19.433	ug/l	98
84) 1,2,4-Trimethylbenzene	13.02	105	193631	19.484	ug/l	97
85) sec-Butylbenzene	13.14	105	208126	19.461	ug/l	99
86) p-Isopropyltoluene	13.26	119	187431	19.811	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	101987	19.363	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	101661	18.538	ug/l	99
89) n-Butylbenzene	13.59	91	145893	16.708	ug/l	98
90) Hexachloroethane	13.85	117	36460	19.888	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	104020	19.939	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.24	75	16608	19.519	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	43331	16.481	ug/l	98
94) Hexachlorobutadiene	14.98	225	28855	20.439	ug/l	97
95) Naphthalene	15.11	128	121659	15.252	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	44262	17.151	ug/l	97

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

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