

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011023\
 Data File : VN076193.D
 Acq On : 10 Jan 2023 19:36
 Operator : JC\MD
 Sample : VN0110MBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0110MBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 01/11/2023
 Supervised By :Semsettin Yesilyurt 01/11/2023

Quant Time: Jan 11 01:10:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.230	168	419520	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	673225	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	578091	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	268960	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	210693	46.164	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	92.320%		
35) Dibromofluoromethane	8.171	113	190376	45.663	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	91.320%		
50) Toluene-d8	10.571	98	678348	43.517	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	87.040%		
62) 4-Bromofluorobenzene	12.853	95	232735	45.078	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	90.160%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	66471	22.315	ug/l	97
3) Chloromethane	2.377	50	68986	18.625	ug/l	99
4) Vinyl Chloride	2.530	62	80187	18.149	ug/l	100
5) Bromomethane	2.959	94	64739	17.241	ug/l	97
6) Chloroethane	3.130	64	58838	17.983	ug/l	100
7) Trichlorofluoromethane	3.512	101	114996	17.152	ug/l	99
8) Diethyl Ether	3.977	74	44673	18.243	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.389	101	64927	16.960	ug/l	98
10) Methyl Iodide	4.600	142	99626	16.035	ug/l	99
11) Tert butyl alcohol	5.524	59	52636	81.505	ug/l #	88
12) 1,1-Dichloroethene	4.353	96	61248	16.473	ug/l	98
13) Acrolein	4.195	56	51959	65.627	ug/l	98
14) Allyl chloride	5.036	41	72548	16.691	ug/l	91
15) Acrylonitrile	5.736	53	152738	86.667	ug/l	99
16) Acetone	4.447	43	124771	79.306	ug/l	93
17) Carbon Disulfide	4.730	76	124968	13.882	ug/l	96
18) Methyl Acetate	5.036	43	85570	18.400	ug/l	100
19) Methyl tert-butyl Ether	5.812	73	221891	18.122	ug/l	93
20) Methylene Chloride	5.289	84	78741	18.303	ug/l	94
21) trans-1,2-Dichloroethene	5.794	96	66644	16.366	ug/l	94
22) Diisopropyl ether	6.689	45	190308	18.024	ug/l	98
23) Vinyl Acetate	6.612	43	590263	83.056	ug/l	100
24) 1,1-Dichloroethane	6.577	63	121848	17.303	ug/l	99
25) 2-Butanone	7.488	43	192474	87.373	ug/l	95
26) 2,2-Dichloropropane	7.500	77	91862	15.404	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	83625	17.171	ug/l	99
28) Bromochloromethane	7.824	49	52263	16.933	ug/l	96
29) Tetrahydrofuran	7.847	42	121291	87.860	ug/l	99
30) Chloroform	7.977	83	131439	16.578	ug/l	96
31) Cyclohexane	8.265	56	109457	16.746	ug/l	91
32) 1,1,1-Trichloroethane	8.177	97	117555	16.724	ug/l	97
36) 1,1-Dichloropropene	8.377	75	91413	16.505	ug/l	99
37) Ethyl Acetate	7.565	43	82378	18.518	ug/l	100
38) Carbon Tetrachloride	8.365	117	100514	16.215	ug/l	96
39) Methylcyclohexane	9.606	83	116834	17.486	ug/l	98
40) Benzene	8.612	78	290632	17.008	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	42624	18.433	ug/l	96
42) 1,2-Dichloroethane	8.677	62	98307	17.305	ug/l	99
43) Isopropyl Acetate	8.694	43	130104	17.729	ug/l	100
44) Trichloroethene	9.353	130	77750	16.151	ug/l	94
45) 1,2-Dichloropropane	9.624	63	68818	16.550	ug/l	97
46) Dibromomethane	9.712	93	51477	16.691	ug/l	99
47) Bromodichloromethane	9.888	83	97977	16.200	ug/l #	98
48) Methyl methacrylate	9.682	41	60807	18.398	ug/l	99
49) 1,4-Dioxane	9.694	88	27734	341.321	ug/l	97
51) 4-Methyl-2-Pentanone	10.447	43	406493	91.595	ug/l	99
52) Toluene	10.629	92	188320	16.922	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	94540	15.968	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	109627	16.865	ug/l	99
55) 1,1,2-Trichloroethane	11.018	97	77337	17.705	ug/l	98
56) Ethyl methacrylate	10.877	69	104514	18.013	ug/l	98
57) 1,3-Dichloropropane	11.165	76	123307	17.210	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	148407	80.339	ug/l	99
59) 2-Hexanone	11.200	43	293981	90.834	ug/l	99
60) Dibromochloromethane	11.359	129	77139	15.880	ug/l	99
61) 1,2-Dibromoethane	11.471	107	74107	16.765	ug/l	96
64) Tetrachloroethene	11.106	164	80720	19.843	ug/l	97
65) Chlorobenzene	11.894	112	201834	17.011	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.965	131	74862	17.034	ug/l	99
67) Ethyl Benzene	11.965	91	357554	17.855	ug/l	98
68) m/p-Xylenes	12.071	106	287982	36.334	ug/l	99
69) o-Xylene	12.400	106	142870	18.215	ug/l	100
70) Styrene	12.412	104	228024	18.284	ug/l	99
71) Bromoform	12.582	173	53247	16.650	ug/l #	100
73) Isopropylbenzene	12.700	105	364643	18.761	ug/l	100
74) N-amyl acetate	12.494	43	107229	18.806	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	102657	17.085	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	100774m	18.588	ug/l	
77) Bromobenzene	12.982	156	86962	17.679	ug/l	99
78) n-propylbenzene	13.035	91	399682	18.644	ug/l	100
79) 2-Chlorotoluene	13.129	91	242301	18.107	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	303788	18.675	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.735	75	24872	16.513	ug/l	91
82) 4-Chlorotoluene	13.129	91	242301	18.107	ug/l	99
83) tert-Butylbenzene	13.441	119	280741	19.574	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	306943	19.020	ug/l	99
85) sec-Butylbenzene	13.618	105	374937	18.940	ug/l	99
86) p-Isopropyltoluene	13.729	119	309365	18.781	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	158845	17.482	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	154668	16.663	ug/l	98
89) n-Butylbenzene	14.059	91	239466	17.945	ug/l	100
90) Hexachloroethane	14.335	117	48231	16.369	ug/l	100
91) 1,2-Dichlorobenzene	14.106	146	156504	17.487	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	17947	16.833	ug/l	93
93) 1,2,4-Trichlorobenzene	15.394	180	75050	16.938	ug/l	97
94) Hexachlorobutadiene	15.506	225	41648	17.228	ug/l	98
95) Naphthalene	15.641	128	233487	17.434	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	74791	18.060	ug/l	99

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

