

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100722\
 Data File : VN074802.D
 Acq On : 07 Oct 2022 11:30
 Operator : JC\MD
 Sample : VN1007WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1007WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/10/2022
 Supervised By : Mahesh Dadoda 10/10/2022

Quant Time: Oct 07 11:52:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100522W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 06 05:37:50 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.235	168	271669	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	497416	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	535147	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	314871	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	327075	50.812	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.620%			
35) Dibromofluoromethane	8.177	113	263447	52.420	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.840%			
50) Toluene-d8	10.571	98	1104836	51.234	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.460%			
62) 4-Bromofluorobenzene	12.853	95	332084	50.659	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 101.320%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.142	85	107904	19.368	ug/l	92
3) Chloromethane	2.383	50	146282	17.655	ug/l	99
4) Vinyl Chloride	2.530	62	205719	20.053	ug/l	98
5) Bromomethane	2.953	94	149588	20.679	ug/l	96
6) Chloroethane	3.130	64	156853	20.665	ug/l	99
7) Trichlorofluoromethane	3.506	101	155525	19.236	ug/l	91
8) Diethyl Ether	3.977	74	73567	17.442	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.389	101	95195	19.219	ug/l	97
10) Methyl Iodide	4.618	142	111284	18.580	ug/l	99
11) Tert butyl alcohol	5.553	59	178826	82.948	ug/l	99
12) 1,1-Dichloroethene	4.359	96	90285	17.124	ug/l	87
13) Acrolein	4.212	56	42552	69.594	ug/l	93
14) Allyl chloride	5.047	41	206718	19.076	ug/l	98
15) Acrylonitrile	5.741	53	428159	91.056	ug/l	98
16) Acetone	4.453	43	338471	92.787	ug/l	99
17) Carbon Disulfide	4.730	76	237020	16.450	ug/l	99
18) Methyl Acetate	5.053	43	257594	19.073	ug/l	98
19) Methyl tert-butyl Ether	5.824	73	390254	19.025	ug/l	95
20) Methylene Chloride	5.306	84	124996	20.214	ug/l	92
21) trans-1,2-Dichloroethene	5.800	96	99941	17.720	ug/l #	77
22) Diisopropyl ether	6.694	45	430955	18.725	ug/l	95
23) Vinyl Acetate	6.624	43	1868583	98.839	ug/l	100
24) 1,1-Dichloroethane	6.588	63	216076	18.210	ug/l	96
25) 2-Butanone	7.500	43	621590	93.891	ug/l	93
26) 2,2-Dichloropropane	7.500	77	179721	18.363	ug/l	99
27) cis-1,2-Dichloroethene	7.500	96	126548	18.849	ug/l	98
28) Bromochloromethane	7.824	49	106513	19.894	ug/l	96
29) Tetrahydrofuran	7.853	42	413319	89.578	ug/l	99
30) Chloroform	7.977	83	208177	19.154	ug/l	93
31) Cyclohexane	8.265	56	201324	18.096	ug/l	98
32) 1,1,1-Trichloroethane	8.177	97	176597	19.063	ug/l	94
36) 1,1-Dichloropropene	8.382	75	145290	17.861	ug/l	97
37) Ethyl Acetate	7.500	43	621590	19.051	ug/l #	52
38) Carbon Tetrachloride	8.371	117	140732	18.346	ug/l	91
39) Methylcyclohexane	9.606	83	195209	18.525	ug/l	88
40) Benzene	8.618	78	492810	18.714	ug/l	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	129197	20.100	ug/l	92
42) 1,2-Dichloroethane	8.682	62	168641	20.402	ug/l	99
43) Isopropyl Acetate	8.700	43	388236	19.254	ug/l	99
44) Trichloroethene	9.359	130	106107	19.346	ug/l	93
45) 1,2-Dichloropropane	9.629	63	137085	19.225	ug/l	99
46) Dibromomethane	9.712	93	87661	20.951	ug/l	97
47) Bromodichloromethane	9.888	83	163495	19.126	ug/l	99
48) Methyl methacrylate	9.612	41	169057	20.422	ug/l #	99
49) 1,4-Dioxane	9.700	88	63911	356.213	ug/l #	82
51) 4-Methyl-2-Pentanone	10.447	43	1248965	96.189	ug/l	98
52) Toluene	10.635	92	297575	18.810	ug/l	97
53) t-1,3-Dichloropropene	10.841	75	195578	19.202	ug/l	94
54) cis-1,3-Dichloropropene	10.318	75	202002	18.370	ug/l	96
55) 1,1,2-Trichloroethane	11.018	97	123063	19.346	ug/l	94
56) Ethyl methacrylate	10.876	69	215176	18.573	ug/l	98
57) 1,3-Dichloropropane	11.165	76	222647	19.420	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.165	63	406467	97.273	ug/l	100
59) 2-Hexanone	11.200	43	933035	95.001	ug/l	98
60) Dibromochloromethane	11.359	129	119644	19.094	ug/l	99
61) 1,2-Dibromoethane	11.476	107	125380	19.384	ug/l	97
64) Tetrachloroethene	11.106	164	79916	18.396	ug/l	97
65) Chlorobenzene	11.894	112	300734	18.344	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	112702	18.827	ug/l	97
67) Ethyl Benzene	11.970	91	581002	19.013	ug/l	93
68) m/p-Xylenes	12.076	106	423434	36.913	ug/l	99
69) o-Xylene	12.400	106	217807	18.507	ug/l	97
70) Styrene	12.418	104	355486	19.160	ug/l	97
71) Bromoform	12.582	173	82498	18.067	ug/l #	96
73) Isopropylbenzene	12.700	105	561524	18.532	ug/l	97
74) N-amyl acetate	12.494	43	326969	17.848	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.941	83	215361	19.994	ug/l	96
76) 1,2,3-Trichloropropane	12.994	75	184773m	19.661	ug/l	
77) Bromobenzene	12.982	156	114938	19.608	ug/l	100
78) n-propylbenzene	13.041	91	660899	18.933	ug/l	96
79) 2-Chlorotoluene	13.129	91	381339	18.016	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	457179	18.919	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	77867	16.143	ug/l	99
82) 4-Chlorotoluene	13.223	91	359696	18.334	ug/l	98
83) tert-Butylbenzene	13.441	119	393479	18.843	ug/l	99
84) 1,2,4-Trimethylbenzene	13.488	105	461813	18.900	ug/l	100
85) sec-Butylbenzene	13.617	105	573369	18.895	ug/l	98
86) p-Isopropyltoluene	13.729	119	454899	19.426	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	217560	18.105	ug/l	99
88) 1,4-Dichlorobenzene	13.817	146	207061	18.243	ug/l	93
89) n-Butylbenzene	14.059	91	397659	19.266	ug/l	96
90) Hexachloroethane	14.335	117	89716	17.135	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	219480	18.966	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	41232	16.418	ug/l	99
93) 1,2,4-Trichlorobenzene	15.394	180	102023	20.155	ug/l	96
94) Hexachlorobutadiene	15.506	225	44137	18.639	ug/l	91
95) Naphthalene	15.647	128	418939	19.143	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	105344	20.514	ug/l	98

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

