

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010423\
 Data File : VN076073.D
 Acq On : 04 Jan 2023 11:33
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/05/2023
 Supervised By : Mahesh Dadoda 01/05/2023

Quant Time: Jan 05 01:17:20 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	312310	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	499303	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	455599	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	223917	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	162625	47.864	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	95.720%		
35) Dibromofluoromethane	8.177	113	150673	48.728	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.460%		
50) Toluene-d8	10.571	98	550511	47.618	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	95.240%		
62) 4-Bromofluorobenzene	12.853	95	193098	50.428	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	100.860%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	150002	67.645	ug/l	98
3) Chloromethane	2.371	50	149151	54.091	ug/l	97
4) Vinyl Chloride	2.524	62	183209	55.700	ug/l	97
5) Bromomethane	2.948	94	138828	49.663	ug/l	92
6) Chloroethane	3.124	64	122196	50.167	ug/l	99
7) Trichlorofluoromethane	3.506	101	253991	50.890	ug/l	96
8) Diethyl Ether	3.971	74	87472	47.984	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.383	101	145293	50.980	ug/l	100
10) Methyl Iodide	4.600	142	224222	48.478	ug/l	99
11) Tert butyl alcohol	5.536	59	105126	218.665	ug/l	100
12) 1,1-Dichloroethene	4.347	96	135337	48.894	ug/l	97
13) Acrolein	4.189	56	135486	229.871	ug/l	96
14) Allyl chloride	5.036	41	170766	52.775	ug/l	99
15) Acrylonitrile	5.730	53	316815	241.480	ug/l	99
16) Acetone	4.442	43	238406	203.551	ug/l	100
17) Carbon Disulfide	4.724	76	332035	49.544	ug/l	98
18) Methyl Acetate	5.036	43	169771	49.037	ug/l	98
19) Methyl tert-butyl Ether	5.806	73	462817	50.775	ug/l	96
20) Methylene Chloride	5.289	84	154573	49.326	ug/l	97
21) trans-1,2-Dichloroethene	5.800	96	144851	47.784	ug/l	96
22) Diisopropyl ether	6.683	45	391599	49.819	ug/l	97
23) Vinyl Acetate	6.612	43	1316458	248.827	ug/l	99
24) 1,1-Dichloroethane	6.577	63	255818	48.799	ug/l	97
25) 2-Butanone	7.494	43	386975	235.969	ug/l	96
26) 2,2-Dichloropropane	7.500	77	218526	49.224	ug/l	98
27) cis-1,2-Dichloroethene	7.494	96	177996	49.096	ug/l	98
28) Bromochloromethane	7.818	49	98258	42.764	ug/l	100
29) Tetrahydrofuran	7.847	42	256697	249.776	ug/l	99
30) Chloroform	7.971	83	281892	47.760	ug/l	94
31) Cyclohexane	8.265	56	230044	47.276	ug/l	95
32) 1,1,1-Trichloroethane	8.177	97	261790	50.029	ug/l	99
36) 1,1-Dichloropropene	8.377	75	206660	50.312	ug/l	99
37) Ethyl Acetate	7.571	43	165768	50.242	ug/l	98
38) Carbon Tetrachloride	8.371	117	236359	51.413	ug/l	99
39) Methylcyclohexane	9.606	83	266020	53.682	ug/l	98
40) Benzene	8.612	78	624346	49.265	ug/l	97

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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)
41) Methacrylonitrile	7.788	41	86533	50.457	ug/l	98
42) 1,2-Dichloroethane	8.677	62	205661	48.812	ug/l	99
43) Isopropyl Acetate	8.694	43	275083	50.543	ug/l	99
44) Trichloroethene	9.353	130	169840	47.570	ug/l	95
45) 1,2-Dichloropropane	9.624	63	150842	48.912	ug/l	99
46) Dibromomethane	9.712	93	110837	48.456	ug/l	98
47) Bromodichloromethane	9.888	83	220845	49.234	ug/l	97
48) Methyl methacrylate	9.682	41	132619	54.102	ug/l	98
49) 1,4-Dioxane	9.700	88	58222	966.126	ug/l #	87
51) 4-Methyl-2-Pentanone	10.447	43	852050	258.869	ug/l	98
52) Toluene	10.635	92	421310	51.044	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	233620	53.205	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	247882	51.417	ug/l	99
55) 1,1,2-Trichloroethane	11.018	97	161129	49.737	ug/l	97
56) Ethyl methacrylate	10.876	69	230397	53.542	ug/l	98
57) 1,3-Dichloropropane	11.165	76	264057	49.691	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	350253	255.652	ug/l	99
59) 2-Hexanone	11.200	43	623445	259.732	ug/l	99
60) Dibromochloromethane	11.365	129	183409	50.907	ug/l	99
61) 1,2-Dibromoethane	11.470	107	168560	51.415	ug/l	100
64) Tetrachloroethene	11.106	164	166280	51.866	ug/l	98
65) Chlorobenzene	11.894	112	453412	48.488	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.965	131	170056	49.098	ug/l	99
67) Ethyl Benzene	11.965	91	816278	51.721	ug/l	99
68) m/p-Xylenes	12.076	106	645755	103.377	ug/l	99
69) o-Xylene	12.400	106	318472	51.519	ug/l	100
70) Styrene	12.412	104	520677	52.974	ug/l	100
71) Bromoform	12.582	173	130907	51.941	ug/l #	98
73) Isopropylbenzene	12.700	105	835187	51.615	ug/l	100
74) N-amyl acetate	12.500	43	249469	52.553	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	229971	45.974	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	201536m	44.651	ug/l	
77) Bromobenzene	12.982	156	198074	48.369	ug/l	98
78) n-propylbenzene	13.041	91	957396	53.645	ug/l	98
79) 2-Chlorotoluene	13.129	91	552992	49.637	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	707174	52.218	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	67736	54.018	ug/l	98
82) 4-Chlorotoluene	13.129	91	552992	49.637	ug/l	100
83) tert-Butylbenzene	13.441	119	640139	53.611	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	708522	52.737	ug/l	99
85) sec-Butylbenzene	13.617	105	882441	53.544	ug/l	99
86) p-Isopropyltoluene	13.735	119	759302	55.370	ug/l	100
87) 1,3-Dichlorobenzene	13.735	146	372750	49.277	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	365630	47.315	ug/l	99
89) n-Butylbenzene	14.059	91	615154	55.371	ug/l	100
90) Hexachloroethane	14.335	117	129113	52.634	ug/l	99
91) 1,2-Dichlorobenzene	14.111	146	363465	48.781	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	41452	46.701	ug/l	99
93) 1,2,4-Trichlorobenzene	15.394	180	195469	52.990	ug/l	100
94) Hexachlorobutadiene	15.506	225	102448	50.904	ug/l	98
95) Naphthalene	15.641	128	556023	45.817	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	185588	53.829	ug/l	100

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

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