

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010523\
 Data File : VN076119.D
 Acq On : 05 Jan 2023 19:16
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/06/2023
 Supervised By : Mahesh Dadoda 01/07/2023

Quant Time: Jan 05 23:51:59 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	303855	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	502610	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	460837	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	223800	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	159962	48.390	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.780%		
35) Dibromofluoromethane	8.171	113	149750	48.111	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.220%		
50) Toluene-d8	10.571	98	545827	46.902	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	93.800%		
62) 4-Bromofluorobenzene	12.853	95	189997	49.292	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.580%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	143477	66.502	ug/l	100
3) Chloromethane	2.377	50	144076	53.704	ug/l	97
4) Vinyl Chloride	2.524	62	178739	55.853	ug/l	97
5) Bromomethane	2.942	94	137762	50.653	ug/l	100
6) Chloroethane	3.118	64	128992	54.431	ug/l	96
7) Trichlorofluoromethane	3.506	101	242044	49.845	ug/l	99
8) Diethyl Ether	3.971	74	88922	50.137	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.383	101	135977	49.039	ug/l	98
10) Methyl Iodide	4.601	142	225179	50.040	ug/l	99
11) Tert butyl alcohol	5.536	59	113736	243.157	ug/l	100
12) 1,1-Dichloroethene	4.353	96	134296	49.868	ug/l	98
13) Acrolein	4.195	56	143603	250.423	ug/l	98
14) Allyl chloride	5.036	41	166158	52.780	ug/l	97
15) Acrylonitrile	5.736	53	317591	248.807	ug/l	100
16) Acetone	4.442	43	241042	211.528	ug/l	97
17) Carbon Disulfide	4.724	76	314936	48.300	ug/l	99
18) Methyl Acetate	5.042	43	175305	52.045	ug/l	98
19) Methyl tert-butyl Ether	5.812	73	470922	53.101	ug/l	100
20) Methylene Chloride	5.289	84	160443	52.667	ug/l	98
21) trans-1,2-Dichloroethene	5.800	96	143546	48.671	ug/l	99
22) Diisopropyl ether	6.683	45	389487	50.929	ug/l	95
23) Vinyl Acetate	6.612	43	1321020	256.637	ug/l	98
24) 1,1-Dichloroethane	6.577	63	249523	48.923	ug/l	97
25) 2-Butanone	7.489	43	396833	248.713	ug/l	98
26) 2,2-Dichloropropane	7.500	77	204188	47.274	ug/l	98
27) cis-1,2-Dichloroethene	7.494	96	171475	48.613	ug/l	97
28) Bromochloromethane	7.824	49	96171	43.020	ug/l	100
29) Tetrahydrofuran	7.847	42	266104	266.135	ug/l	100
30) Chloroform	7.971	83	279293	48.636	ug/l	98
31) Cyclohexane	8.259	56	218900	46.237	ug/l	97
32) 1,1,1-Trichloroethane	8.177	97	256085	50.301	ug/l	100
36) 1,1-Dichloropropene	8.377	75	199172	48.170	ug/l	98
37) Ethyl Acetate	7.571	43	166342	50.085	ug/l	99
38) Carbon Tetrachloride	8.371	117	228066	49.282	ug/l	97
39) Methylcyclohexane	9.606	83	251863	50.491	ug/l	98
40) Benzene	8.612	78	615089	48.215	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	86746	50.248	ug/l	96
42) 1,2-Dichloroethane	8.677	62	204705	48.266	ug/l	100
43) Isopropyl Acetate	8.694	43	279876	51.085	ug/l	99
44) Trichloroethene	9.359	130	167593	46.632	ug/l	91
45) 1,2-Dichloropropane	9.624	63	148504	47.837	ug/l	98
46) Dibromomethane	9.712	93	111332	48.352	ug/l	98
47) Bromodichloromethane	9.894	83	220999	48.944	ug/l	97
48) Methyl methacrylate	9.683	41	131677	53.364	ug/l	98
49) 1,4-Dioxane	9.700	88	62252	1026.202	ug/l	99
51) 4-Methyl-2-Pentanone	10.447	43	872076	263.210	ug/l	98
52) Toluene	10.635	92	412014	49.590	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	226825	51.317	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	246799	50.855	ug/l	99
55) 1,1,2-Trichloroethane	11.018	97	162610	49.864	ug/l	98
56) Ethyl methacrylate	10.877	69	231308	53.400	ug/l	99
57) 1,3-Dichloropropane	11.165	76	265263	49.589	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	338399	245.375	ug/l	99
59) 2-Hexanone	11.200	43	641673	265.567	ug/l	99
60) Dibromochloromethane	11.365	129	184135	50.773	ug/l	100
61) 1,2-Dibromoethane	11.471	107	166275	50.384	ug/l	99
64) Tetrachloroethene	11.106	164	157630	48.609	ug/l	98
65) Chlorobenzene	11.894	112	441341	46.660	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.965	131	169225	48.303	ug/l	100
67) Ethyl Benzene	11.965	91	787500	49.331	ug/l	100
68) m/p-Xylenes	12.071	106	632798	100.152	ug/l	99
69) o-Xylene	12.400	106	308845	49.394	ug/l	100
70) Styrene	12.412	104	510163	51.315	ug/l	99
71) Bromoform	12.582	173	130896	51.346	ug/l #	99
73) Isopropylbenzene	12.700	105	812675	50.250	ug/l	100
74) N-amyl acetate	12.494	43	253427	53.414	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	235516	47.107	ug/l	99
76) 1,2,3-Trichloropropane	13.000	75	203158m	45.034	ug/l	
77) Bromobenzene	12.982	156	194623	47.551	ug/l	98
78) n-propylbenzene	13.041	91	910381	51.037	ug/l	99
79) 2-Chlorotoluene	13.129	91	540160	48.511	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	688497	50.865	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	66456	53.025	ug/l	99
82) 4-Chlorotoluene	13.129	91	540160	48.511	ug/l	100
83) tert-Butylbenzene	13.441	119	602875	50.517	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	691818	51.520	ug/l	99
85) sec-Butylbenzene	13.618	105	857944	52.085	ug/l	99
86) p-Isopropyltoluene	13.729	119	726511	53.006	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	369901	48.926	ug/l	100
88) 1,4-Dichlorobenzene	13.812	146	361405	46.793	ug/l	99
89) n-Butylbenzene	14.059	91	583276	52.529	ug/l	100
90) Hexachloroethane	14.335	117	128067	52.235	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	366603	49.228	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.723	75	42030	47.377	ug/l	98
93) 1,2,4-Trichlorobenzene	15.400	180	180062	48.839	ug/l	99
94) Hexachlorobutadiene	15.506	225	96281	47.865	ug/l	97
95) Naphthalene	15.641	128	542963	44.814	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	175481	50.924	ug/l	99

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

