

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010323\
 Data File : VN076057.D
 Acq On : 03 Jan 2023 12:29
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Jan 04 04:08:45 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

Manual Integrations APPROVED

Reviewed By : John Carlone 01/04/2023
 Supervised By : Mahesh Dadoda 01/04/2023

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	354641	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	556977	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	509328	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	253991	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	172829	44.796	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	89.600%		
35) Dibromofluoromethane	8.171	113	163587	47.426	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.860%		
50) Toluene-d8	10.571	98	597061	46.296	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	92.600%		
62) 4-Bromofluorobenzene	12.853	95	209965	49.155	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.320%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	169170	67.182	ug/l	96
3) Chloromethane	2.371	50	157031	50.151	ug/l	96
4) Vinyl Chloride	2.530	62	194690	52.126	ug/l	96
5) Bromomethane	2.948	94	149839	47.204	ug/l	99
6) Chloroethane	3.124	64	132242	47.811	ug/l	95
7) Trichlorofluoromethane	3.506	101	276856	48.850	ug/l	92
8) Diethyl Ether	3.977	74	99499	48.067	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.377	101	159418	49.260	ug/l	100
10) Methyl Iodide	4.595	142	255108	48.573	ug/l	99
11) Tert butyl alcohol	5.536	59	114040	208.893	ug/l	100
12) 1,1-Dichloroethene	4.353	96	153125	48.717	ug/l	99
13) Acrolein	4.195	56	120437	179.948	ug/l	99
14) Allyl chloride	5.036	41	186026	50.629	ug/l	96
15) Acrylonitrile	5.730	53	324686	217.939	ug/l	99
16) Acetone	4.442	43	319108	239.934	ug/l	98
17) Carbon Disulfide	4.724	76	370406	48.673	ug/l	97
18) Methyl Acetate	5.030	43	177187	45.071	ug/l	99
19) Methyl tert-butyl Ether	5.812	73	500970	48.400	ug/l	96
20) Methylene Chloride	5.289	84	167913	47.159	ug/l	98
21) trans-1,2-Dichloroethene	5.800	96	160977	46.765	ug/l	95
22) Diisopropyl ether	6.683	45	421238	47.193	ug/l	98
23) Vinyl Acetate	6.612	43	1407847	234.338	ug/l	100
24) 1,1-Dichloroethane	6.577	63	271004	45.525	ug/l	99
25) 2-Butanone	7.489	43	428893	230.313	ug/l	98
26) 2,2-Dichloropropane	7.500	77	250237	49.639	ug/l	98
27) cis-1,2-Dichloroethene	7.494	96	191189	46.440	ug/l	97
28) Bromochloromethane	7.824	49	104709	40.132	ug/l	99
29) Tetrahydrofuran	7.847	42	265669	227.650	ug/l	99
30) Chloroform	7.977	83	302935	45.199	ug/l	95
31) Cyclohexane	8.259	56	254844	46.121	ug/l	100
32) 1,1,1-Trichloroethane	8.177	97	284243	47.836	ug/l	99
36) 1,1-Dichloropropene	8.377	75	227002	49.542	ug/l	99
37) Ethyl Acetate	7.565	43	172401	46.842	ug/l	98
38) Carbon Tetrachloride	8.371	117	255033	49.730	ug/l	98
39) Methylcyclohexane	9.606	83	292753	52.959	ug/l	99
40) Benzene	8.612	78	676276	47.837	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.789	41	90800	47.463	ug/l	97
42) 1,2-Dichloroethane	8.677	62	221334	47.093	ug/l	100
43) Isopropyl Acetate	8.694	43	293758	48.385	ug/l	99
44) Trichloroethene	9.359	130	188796	47.404	ug/l	95
45) 1,2-Dichloropropane	9.624	63	162289	47.174	ug/l	100
46) Dibromomethane	9.712	93	119838	46.966	ug/l	98
47) Bromodichloromethane	9.888	83	242153	48.394	ug/l	100
48) Methyl methacrylate	9.682	41	138650	50.705	ug/l	98
49) 1,4-Dioxane	9.700	88	63914	950.757	ug/l	98
51) 4-Methyl-2-Pentanone	10.447	43	874622	238.211	ug/l	99
52) Toluene	10.635	92	456824	49.616	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	256178	52.301	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	278178	51.726	ug/l	99
55) 1,1,2-Trichloroethane	11.018	97	171907	47.569	ug/l	99
56) Ethyl methacrylate	10.877	69	245350	51.113	ug/l	99
57) 1,3-Dichloropropane	11.165	76	282054	47.581	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	379999	248.644	ug/l	99
59) 2-Hexanone	11.200	43	656135	245.046	ug/l	99
60) Dibromochloromethane	11.359	129	197513	49.145	ug/l	98
61) 1,2-Dibromoethane	11.471	107	180233	49.283	ug/l	98
64) Tetrachloroethene	11.106	164	180136	50.261	ug/l	99
65) Chlorobenzene	11.894	112	490507	46.921	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	184782	47.722	ug/l	100
67) Ethyl Benzene	11.965	91	884358	50.124	ug/l	99
68) m/p-Xylenes	12.076	106	702618	100.615	ug/l	99
69) o-Xylene	12.400	106	345803	50.039	ug/l	100
70) Styrene	12.412	104	562781	51.218	ug/l	99
71) Bromoform	12.582	173	144215	51.185	ug/l #	99
73) Isopropylbenzene	12.700	105	911569	49.665	ug/l	100
74) N-amyl acetate	12.500	43	267014	49.589	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	243502	42.915	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	213886m	41.776	ug/l	
77) Bromobenzene	12.982	156	216040	46.509	ug/l	97
78) n-propylbenzene	13.041	91	1041282	51.437	ug/l	99
79) 2-Chlorotoluene	13.129	91	601230	47.577	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	771837	50.244	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	73588	51.736	ug/l	99
82) 4-Chlorotoluene	13.129	91	601230	47.577	ug/l	99
83) tert-Butylbenzene	13.441	119	704025	51.980	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	783729	51.428	ug/l	99
85) sec-Butylbenzene	13.618	105	972843	52.040	ug/l	99
86) p-Isopropyltoluene	13.735	119	848975	54.578	ug/l	100
87) 1,3-Dichlorobenzene	13.735	146	414492	48.307	ug/l	99
88) 1,4-Dichlorobenzene	13.818	146	412175	47.023	ug/l	100
89) n-Butylbenzene	14.059	91	693105	55.001	ug/l	100
90) Hexachloroethane	14.335	117	143795	51.678	ug/l	98
91) 1,2-Dichlorobenzene	14.112	146	406250	48.068	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.723	75	45094	44.789	ug/l	96
93) 1,2,4-Trichlorobenzene	15.394	180	214003	51.145	ug/l	99
94) Hexachlorobutadiene	15.506	225	113644	49.781	ug/l	99
95) Naphthalene	15.647	128	616925	44.864	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	200357	51.232	ug/l	98

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

