

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN103122\
 Data File : VN075096.D
 Acq On : 31 Oct 2022 18:59
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Nov 01 06:23:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 09:48:49 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/01/2022
 Supervised By : Mahesh Dadoda 11/01/2022

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	99631	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	190566	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	178722	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	92844	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	71163	53.011	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.020%			
35) Dibromofluoromethane	8.171	113	58439	52.237	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.480%			
50) Toluene-d8	10.571	98	229367	52.846	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 105.700%			
62) 4-Bromofluorobenzene	12.847	95	83568	54.810	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 109.620%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	58405	45.063	ug/l	95
3) Chloromethane	2.377	50	63366	46.028	ug/l	99
4) Vinyl Chloride	2.524	62	89586	45.615	ug/l	97
5) Bromomethane	2.936	94	71543	50.985	ug/l	100
6) Chloroethane	3.112	64	66060	46.908	ug/l	92
7) Trichlorofluoromethane	3.501	101	98440	49.067	ug/l	100
8) Diethyl Ether	3.971	74	35258	48.182	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.383	101	52975	47.813	ug/l	100
10) Methyl Iodide	4.601	142	78519	47.603	ug/l	98
11) Tert butyl alcohol	5.542	59	69269	221.268	ug/l	100
12) 1,1-Dichloroethene	4.348	96	50236	47.567	ug/l	98
13) Acrolein	4.189	56	66912	261.312	ug/l	99
14) Allyl chloride	5.036	41	67763	43.932	ug/l	90
15) Acrylonitrile	5.730	53	169999	257.066	ug/l	99
16) Acetone	4.442	43	137826	242.476	ug/l	99
17) Carbon Disulfide	4.718	76	123775	46.605	ug/l	99
18) Methyl Acetate	5.042	43	96307	51.870	ug/l	98
19) Methyl tert-butyl Ether	5.806	73	197018	50.192	ug/l	98
20) Methylene Chloride	5.289	84	62197	49.076	ug/l	93
21) trans-1,2-Dichloroethene	5.800	96	58670	50.737	ug/l	95
22) Diisopropyl ether	6.683	45	174976	51.404	ug/l	99
23) Vinyl Acetate	6.612	43	644075	226.589	ug/l	99
24) 1,1-Dichloroethane	6.577	63	109038	50.648	ug/l	98
25) 2-Butanone	7.489	43	228170	255.209	ug/l	96
26) 2,2-Dichloropropane	7.500	77	92163	46.535	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	69899	50.618	ug/l	99
28) Bromochloromethane	7.818	49	48747	53.714	ug/l	96
29) Tetrahydrofuran	7.847	42	148354	256.789	ug/l	100
30) Chloroform	7.971	83	122125	52.248	ug/l	99
31) Cyclohexane	8.259	56	92032	46.096	ug/l	95
32) 1,1,1-Trichloroethane	8.177	97	110545	52.079	ug/l	100
36) 1,1-Dichloropropene	8.377	75	86987	50.224	ug/l	98
37) Ethyl Acetate	7.565	43	90647	47.724	ug/l	99
38) Carbon Tetrachloride	8.371	117	95457	50.104	ug/l	99
39) Methylcyclohexane	9.606	83	112837	49.349	ug/l	96
40) Benzene	8.612	78	266693	50.290	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	46378	50.964	ug/l	99
42) 1,2-Dichloroethane	8.677	62	97151	50.354	ug/l	99
43) Isopropyl Acetate	8.694	43	148577	50.429	ug/l	99
44) Trichloroethene	9.353	130	63280	47.562	ug/l	99
45) 1,2-Dichloropropane	9.624	63	65882	52.204	ug/l	98
46) Dibromomethane	9.712	93	49574	50.420	ug/l	97
47) Bromodichloromethane	9.894	83	97238	51.069	ug/l	98
48) Methyl methacrylate	9.683	41	68129	50.410	ug/l	97
49) 1,4-Dioxane	9.694	88	34294	969.022	ug/l	98
51) 4-Methyl-2-Pentanone	10.447	43	481830	253.431	ug/l	98
52) Toluene	10.630	92	181963	51.331	ug/l	97
53) t-1,3-Dichloropropene	10.835	75	105011	52.251	ug/l	100
54) cis-1,3-Dichloropropene	10.318	75	108631	50.962	ug/l	99
55) 1,1,2-Trichloroethane	11.018	97	71383	50.785	ug/l	97
56) Ethyl methacrylate	10.877	69	110909	51.729	ug/l	99
57) 1,3-Dichloropropane	11.165	76	121048	51.713	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	221643	267.398	ug/l	99
59) 2-Hexanone	11.200	43	367543	254.713	ug/l	100
60) Dibromochloromethane	11.365	129	78132	52.687	ug/l	99
61) 1,2-Dibromoethane	11.471	107	76502	53.109	ug/l	98
64) Tetrachloroethene	11.106	164	54464	49.706	ug/l	95
65) Chlorobenzene	11.894	112	190966	50.058	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.965	131	71910	50.814	ug/l	99
67) Ethyl Benzene	11.965	91	349386	50.905	ug/l	97
68) m/p-Xylenes	12.071	106	279087	101.340	ug/l	97
69) o-Xylene	12.400	106	140907	51.737	ug/l	100
70) Styrene	12.412	104	230565	53.093	ug/l	98
71) Bromoform	12.582	173	55516	52.397	ug/l #	100
73) Isopropylbenzene	12.700	105	360113	48.314	ug/l	98
74) N-amyl acetate	12.494	43	133352	48.373	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	118940	55.635	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	104962m	53.244	ug/l	
77) Bromobenzene	12.982	156	78655	47.925	ug/l	97
78) n-propylbenzene	13.041	91	416626	49.785	ug/l	100
79) 2-Chlorotoluene	13.129	91	249875	48.863	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	314383	50.217	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	41566	54.126	ug/l	86
82) 4-Chlorotoluene	13.129	91	249875	48.863	ug/l	100
83) tert-Butylbenzene	13.441	119	275250	49.480	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	320017	50.522	ug/l	99
85) sec-Butylbenzene	13.618	105	396413	50.940	ug/l	99
86) p-Isopropyltoluene	13.729	119	335233	52.161	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	162075	50.437	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	158267	49.766	ug/l	99
89) n-Butylbenzene	14.059	91	272437	52.641	ug/l	100
90) Hexachloroethane	14.335	117	60114	51.015	ug/l	100
91) 1,2-Dichlorobenzene	14.106	146	159861	50.041	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	25110	49.943	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	71048	51.683	ug/l	100
94) Hexachlorobutadiene	15.500	225	33675	50.249	ug/l	97
95) Naphthalene	15.641	128	272744	51.593	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	70612	51.696	ug/l	98

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

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