

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110422\
 Data File : VN075181.D
 Acq On : 04 Nov 2022 18:05
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Nov 05 07:01:55 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 11/07/2022
 Supervised By : Mahesh Dadoda 11/07/2022

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	101232	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	188692	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	178670	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	94235	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	69324	50.825	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.640%			
35) Dibromofluoromethane	8.171	113	58596	52.898	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.800%			
50) Toluene-d8	10.571	98	224813	52.311	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 104.620%			
62) 4-Bromofluorobenzene	12.847	95	82226	54.466	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 108.940%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	55162	41.887	ug/l	97
3) Chloromethane	2.371	50	57149	40.856	ug/l	100
4) Vinyl Chloride	2.524	62	81914	41.049	ug/l	98
5) Bromomethane	2.912	94	60450	41.492	ug/l	94
6) Chloroethane	3.089	64	62642	43.777	ug/l	91
7) Trichlorofluoromethane	3.483	101	99411	48.767	ug/l	98
8) Diethyl Ether	3.971	74	36847	49.557	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.377	101	55913	49.666	ug/l	96
10) Methyl Iodide	4.589	142	79598	47.494	ug/l	99
11) Tert butyl alcohol	5.547	59	70402	221.330	ug/l	98
12) 1,1-Dichloroethene	4.342	96	51850	48.319	ug/l	96
13) Acrolein	4.183	56	59303	227.934	ug/l	97
14) Allyl chloride	5.030	41	76424	48.763	ug/l	97
15) Acrylonitrile	5.730	53	165106	245.718	ug/l	99
16) Acetone	4.442	43	135845	235.212	ug/l	98
17) Carbon Disulfide	4.712	76	115013	42.621	ug/l	100
18) Methyl Acetate	5.036	43	98733	52.336	ug/l	97
19) Methyl tert-butyl Ether	5.806	73	201160	50.437	ug/l	98
20) Methylene Chloride	5.283	84	63163	49.050	ug/l	94
21) trans-1,2-Dichloroethene	5.789	96	57548	48.980	ug/l	90
22) Diisopropyl ether	6.677	45	172907	49.993	ug/l	95
23) Vinyl Acetate	6.612	43	707792m	245.067	ug/l	
24) 1,1-Dichloroethane	6.577	63	109187	49.916	ug/l	97
25) 2-Butanone	7.494	43	220315	242.526	ug/l	99
26) 2,2-Dichloropropane	7.500	77	96593	48.000	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	71111	50.681	ug/l	98
28) Bromochloromethane	7.824	49	46727	50.674	ug/l	93
29) Tetrahydrofuran	7.847	42	139931	238.379	ug/l	99
30) Chloroform	7.971	83	122927	51.759	ug/l	97
31) Cyclohexane	8.259	56	90547	44.635	ug/l	96
32) 1,1,1-Trichloroethane	8.171	97	111756	51.817	ug/l	99
36) 1,1-Dichloropropene	8.377	75	85142	49.647	ug/l	100
37) Ethyl Acetate	7.571	43	89108	47.379	ug/l	99
38) Carbon Tetrachloride	8.365	117	97331	51.595	ug/l	98
39) Methylcyclohexane	9.606	83	109125	48.200	ug/l	99
40) Benzene	8.612	78	263020	50.090	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	45988	51.038	ug/l	99
42) 1,2-Dichloroethane	8.677	62	95215	49.841	ug/l	100
43) Isopropyl Acetate	8.694	43	143143	49.067	ug/l	99
44) Trichloroethene	9.353	130	66106	50.180	ug/l	91
45) 1,2-Dichloropropane	9.624	63	64853	51.899	ug/l	97
46) Dibromomethane	9.712	93	48561	49.880	ug/l	100
47) Bromodichloromethane	9.888	83	95812	50.820	ug/l	99
48) Methyl methacrylate	9.682	41	63448	47.413	ug/l	98
49) 1,4-Dioxane	9.700	88	33692	961.466	ug/l #	86
51) 4-Methyl-2-Pentanone	10.447	43	461474	245.135	ug/l	99
52) Toluene	10.635	92	178705	50.912	ug/l	96
53) t-1,3-Dichloropropene	10.841	75	103882	52.203	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	108229	51.278	ug/l	97
55) 1,1,2-Trichloroethane	11.018	97	73144	52.554	ug/l	95
56) Ethyl methacrylate	10.876	69	107301	50.543	ug/l	99
57) 1,3-Dichloropropane	11.165	76	121562	52.448	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	216516	263.807	ug/l	99
59) 2-Hexanone	11.200	43	344269	240.953	ug/l	98
60) Dibromochloromethane	11.359	129	79053	53.837	ug/l	100
61) 1,2-Dibromoethane	11.471	107	74433	52.186	ug/l	99
64) Tetrachloroethene	11.106	164	57674	52.651	ug/l	96
65) Chlorobenzene	11.894	112	190068	49.837	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	72955	51.568	ug/l	99
67) Ethyl Benzene	11.965	91	345095	50.295	ug/l	99
68) m/p-Xylenes	12.070	106	278595	101.191	ug/l	98
69) o-Xylene	12.400	106	139340	51.177	ug/l	97
70) Styrene	12.412	104	228559	52.647	ug/l	98
71) Bromoform	12.582	173	55416	52.318	ug/l #	100
73) Isopropylbenzene	12.694	105	357240	47.221	ug/l	98
74) N-amyl acetate	12.494	43	124355	44.443	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	114171	52.396	ug/l	97
76) 1,2,3-Trichloropropane	12.994	75	99054m	49.506	ug/l	
77) Bromobenzene	12.982	156	80394	48.262	ug/l	96
78) n-propylbenzene	13.035	91	409424	48.202	ug/l	99
79) 2-Chlorotoluene	13.129	91	245437	47.287	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	310203	48.818	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	35873	46.023	ug/l	99
82) 4-Chlorotoluene	13.129	91	245437	47.287	ug/l	99
83) tert-Butylbenzene	13.441	119	272713	48.301	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	312285	48.573	ug/l	98
85) sec-Butylbenzene	13.617	105	383878	48.601	ug/l	99
86) p-Isopropyltoluene	13.729	119	325850	49.953	ug/l	100
87) 1,3-Dichlorobenzene	13.735	146	162554	49.839	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	161658	50.082	ug/l	98
89) n-Butylbenzene	14.059	91	267177	50.862	ug/l	99
90) Hexachloroethane	14.335	117	56839	47.524	ug/l	97
91) 1,2-Dichlorobenzene	14.106	146	163296	50.362	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	23479	46.010	ug/l	95
93) 1,2,4-Trichlorobenzene	15.394	180	75958	54.439	ug/l	98
94) Hexachlorobutadiene	15.500	225	34774	51.123	ug/l	98
95) Naphthalene	15.641	128	277501	51.718	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	76018	54.833	ug/l	98

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

