

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051822\
 Data File : VN072541.D
 Acq On : 18 May 2022 14:42
 Operator : JC\MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/19/2022
 Supervised By : Mahesh Dadoda 05/19/2022

Quant Time: May 18 15:25:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051822W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 18 15:21:12 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	225067	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	347783	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	358034	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	145183	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.428	65	154623	44.675	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	89.360%		
35) Dibromofluoromethane	8.010	113	110532	47.547	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	95.100%		
50) Toluene-d8	10.439	98	425178	48.142	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	96.280%		
62) 4-Bromofluorobenzene	12.727	95	164490	54.629	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	109.260%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.063	85	103267	37.910	ug/l	92
3) Chloromethane	2.293	50	87964	30.524	ug/l	99
4) Vinyl Chloride	2.446	62	74311	32.792	ug/l	96
5) Bromomethane	2.804	94	67602	46.888	ug/l	97
6) Chloroethane	2.922	64	69242	44.953	ug/l	100
7) Trichlorofluoromethane	3.304	101	168520	39.203	ug/l	97
8) Diethyl Ether	3.816	74	53659	35.350	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.175	101	81054	35.006	ug/l	95
10) Methyl Iodide	4.398	142	117603	38.583	ug/l #	86
11) Tert butyl alcohol	5.410	59	73746	141.493	ug/l	99
12) 1,1-Dichloroethene	4.146	96	74966	34.626	ug/l	92
13) Acrolein	4.028	56	93123	178.926	ug/l	96
14) Allyl chloride	4.816	41	147923	36.660	ug/l	94
15) Acrylonitrile	5.551	53	288757	195.493	ug/l	99
16) Acetone	4.293	43	209928	161.817	ug/l	91
17) Carbon Disulfide	4.504	76	201417	35.814	ug/l	98
18) Methyl Acetate	4.845	43	132570	34.580	ug/l	96
19) Methyl tert-butyl Ether	5.616	73	350321	43.825	ug/l	98
20) Methylene Chloride	5.081	84	104448	38.235	ug/l	97
21) trans-1,2-Dichloroethene	5.581	96	94847	41.024	ug/l	90
22) Diisopropyl ether	6.492	45	319442	38.575	ug/l	98
23) Vinyl Acetate	6.422	43	1419512	204.847	ug/l	96
24) 1,1-Dichloroethane	6.375	63	185789	39.579	ug/l	98
25) 2-Butanone	7.334	43	368643	178.851	ug/l	96
26) 2,2-Dichloropropane	7.310	77	167180	41.909	ug/l	96
27) cis-1,2-Dichloroethene	7.316	96	108181	39.190	ug/l	93
28) Bromochloromethane	7.651	49	79416	39.733	ug/l	96
29) Tetrahydrofuran	7.681	42	247319	184.910	ug/l	96
30) Chloroform	7.810	83	206101	42.652	ug/l	100
31) Cyclohexane	8.086	56	165602	37.554	ug/l	93
32) 1,1,1-Trichloroethane	8.004	97	197815	44.378	ug/l	97
36) 1,1-Dichloropropene	8.210	75	145249	44.601	ug/l	98
37) Ethyl Acetate	7.404	43	145112	37.971	ug/l	98
38) Carbon Tetrachloride	8.198	117	169009	45.958	ug/l	99
39) Methylcyclohexane	9.451	83	165101	45.403	ug/l	95
40) Benzene	8.451	78	420237	43.243	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.633	41	81588	42.250	ug/l	92
42) 1,2-Dichloroethane	8.528	62	181541	45.814	ug/l	95
43) Isopropyl Acetate	8.557	43	259524	43.372	ug/l	98
44) Trichloroethene	9.210	130	107379	43.400	ug/l	94
45) 1,2-Dichloropropane	9.486	63	98871	40.504	ug/l	97
46) Dibromomethane	9.575	93	76040	43.945	ug/l	97
47) Bromodichloromethane	9.757	83	165772	46.614	ug/l	96
48) Methyl methacrylate	9.557	41	122319	44.237	ug/l	92
49) 1,4-Dioxane	9.569	88	21716	492.760	ug/l #	87
51) 4-Methyl-2-Pentanone	10.327	43	903122	240.853	ug/l	95
52) Toluene	10.504	92	294202	48.517	ug/l	95
53) t-1,3-Dichloropropene	10.716	75	187507	51.398	ug/l	96
54) cis-1,3-Dichloropropene	10.186	75	186023	48.346	ug/l	94
55) 1,1,2-Trichloroethane	10.898	97	124605	48.773	ug/l	94
56) Ethyl methacrylate	10.757	69	203617	55.578	ug/l	94
57) 1,3-Dichloropropane	11.039	76	208487	48.301	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.039	63	255851	336.510	ug/l	99
59) 2-Hexanone	11.086	43	635656	242.835	ug/l	94
60) Dibromochloromethane	11.233	129	143021	52.465	ug/l	99
61) 1,2-Dibromoethane	11.345	107	131013	51.376	ug/l	100
64) Tetrachloroethene	10.974	164	108022	42.496	ug/l	96
65) Chlorobenzene	11.769	112	337913	46.488	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.839	131	133167	45.717	ug/l	96
67) Ethyl Benzene	11.839	91	607906	48.595	ug/l	98
68) m/p-Xylenes	11.951	106	477935	100.396	ug/l	93
69) o-Xylene	12.274	106	239431	51.106	ug/l	94
70) Styrene	12.292	104	392874	54.490	ug/l	97
71) Bromoform	12.451	173	102538	47.931	ug/l #	99
73) Isopropylbenzene	12.574	105	578940	48.405	ug/l	99
74) N-amyl acetate	12.386	43	183201	44.064	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.821	83	149370	35.284	ug/l	98
76) 1,2,3-Trichloropropane	12.880	75	137049m	36.638	ug/l	
77) Bromobenzene	12.857	156	133057	46.491	ug/l	97
78) n-propylbenzene	12.916	91	651943	50.811	ug/l	99
79) 2-Chlorotoluene	13.004	91	425301	50.062	ug/l	98
80) 1,3,5-Trimethylbenzene	13.057	105	522856	52.850	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.621	75	50642	45.669	ug/l	93
82) 4-Chlorotoluene	13.104	91	391486	48.874	ug/l	97
83) tert-Butylbenzene	13.321	119	414314	48.590	ug/l	94
84) 1,2,4-Trimethylbenzene	13.363	105	467563	49.202	ug/l	94
85) sec-Butylbenzene	13.498	105	548129	48.370	ug/l	99
86) p-Isopropyltoluene	13.610	119	462717	52.120	ug/l	96
87) 1,3-Dichlorobenzene	13.610	146	225949	45.983	ug/l	99
88) 1,4-Dichlorobenzene	13.692	146	224104	45.658	ug/l	99
89) n-Butylbenzene	13.939	91	364849	53.437	ug/l	100
90) Hexachloroethane	14.204	117	82283	46.423	ug/l	97
91) 1,2-Dichlorobenzene	13.986	146	233126	47.264	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.598	75	39774	52.244	ug/l	90
93) 1,2,4-Trichlorobenzene	15.257	180	120502	62.524	ug/l	98
94) Hexachlorobutadiene	15.362	225	66984	52.837	ug/l	97
95) Naphthalene	15.504	128	363295	65.483	ug/l	99
96) 1,2,3-Trichlorobenzene	15.692	180	121896	63.092	ug/l	96

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

