

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051022\
 Data File : VN072390.D
 Acq On : 10 May 2022 13:54
 Operator : JC\MD
 Sample : VSTDICC010
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC010

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/11/2022
 Supervised By : Mahesh Dadoda 05/11/2022

Quant Time: May 10 15:30:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051022W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 10 15:27:58 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	225308	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	373532	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	332708	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	130814	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	38758	11.379	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	22.760%#		
35) Dibromofluoromethane	8.016	113	26296	11.003	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	22.000%#		
50) Toluene-d8	10.433	98	102949	11.027	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	22.060%#		
62) 4-Bromofluorobenzene	12.727	95	32382	10.471	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	20.940%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.069	85	29173	10.319	ug/l	99
3) Chloromethane	2.299	50	30504	8.919	ug/l	97
4) Vinyl Chloride	2.440	62	25318	9.986	ug/l #	88
5) Bromomethane	2.846	94	15800	11.295	ug/l	98
6) Chloroethane	3.016	64	15581	9.605	ug/l	100
7) Trichlorofluoromethane	3.369	101	48065	10.751	ug/l	99
8) Diethyl Ether	3.834	74	16176	10.091	ug/l	85
9) 1,1,2-Trichlorotrifluo...	4.210	101	25664	10.938	ug/l	96
10) Methyl Iodide	4.428	142	31565	10.851	ug/l #	89
11) Tert butyl alcohol	5.363	59	28723	51.278	ug/l #	84
12) 1,1-Dichloroethene	4.193	96	24543	11.328	ug/l	97
13) Acrolein	4.045	56	25797	45.175	ug/l	94
14) Allyl chloride	4.840	41	43784	9.876	ug/l	95
15) Acrylonitrile	5.551	53	80697	47.950	ug/l	98
16) Acetone	4.287	43	71367	48.500	ug/l	93
17) Carbon Disulfide	4.534	76	62011	11.011	ug/l	98
18) Methyl Acetate	4.851	43	43350	9.322	ug/l	93
19) Methyl tert-butyl Ether	5.610	73	84769	10.076	ug/l	98
20) Methylene Chloride	5.092	84	30204	10.584	ug/l	89
21) trans-1,2-Dichloroethene	5.598	96	26251	11.000	ug/l	92
22) Diisopropyl ether	6.492	45	92399	10.135	ug/l	93
23) Vinyl Acetate	6.428	43	380584	49.731	ug/l	96
24) 1,1-Dichloroethane	6.381	63	51420	10.054	ug/l	98
25) 2-Butanone	7.328	43	107965	46.201	ug/l	94
26) 2,2-Dichloropropane	7.322	77	42284	10.516	ug/l	99
27) cis-1,2-Dichloroethene	7.322	96	30052	10.373	ug/l	94
28) Bromochloromethane	7.651	49	22120	9.833	ug/l	89
29) Tetrahydrofuran	7.681	42	73351	47.789	ug/l	90
30) Chloroform	7.816	83	52365	10.130	ug/l	96
31) Cyclohexane	8.092	56	48596	10.498	ug/l	93
32) 1,1,1-Trichloroethane	8.016	97	48397	10.935	ug/l	98
36) 1,1-Dichloropropene	8.216	75	38124	10.831	ug/l	97
37) Ethyl Acetate	7.404	43	46473	10.127	ug/l	97
38) Carbon Tetrachloride	8.204	117	41952	11.012	ug/l	99
39) Methylcyclohexane	9.457	83	40984	10.377	ug/l	95
40) Benzene	8.457	78	114054	10.516	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.628	41	18917	8.273	ug/l #	92
42) 1,2-Dichloroethane	8.522	62	44824	10.751	ug/l	100
43) Isopropyl Acetate	8.557	43	70114	9.302	ug/l	95
44) Trichloroethene	9.210	130	27774	10.852	ug/l	84
45) 1,2-Dichloropropane	9.486	63	29240	10.032	ug/l	99
46) Dibromomethane	9.575	93	20461	11.072	ug/l	92
47) Bromodichloromethane	9.757	83	41159	10.681	ug/l	95
48) Methyl methacrylate	9.551	41	30067	9.835	ug/l	93
49) 1,4-Dioxane	9.563	88	11437	215.388	ug/l #	91
51) 4-Methyl-2-Pentanone	10.327	43	214869	49.715	ug/l	93
52) Toluene	10.504	92	69077	10.634	ug/l	100
53) t-1,3-Dichloropropene	10.716	75	40430	10.409	ug/l	94
54) cis-1,3-Dichloropropene	10.186	75	43904	10.472	ug/l	95
55) 1,1,2-Trichloroethane	10.892	97	29294	10.787	ug/l	95
56) Ethyl methacrylate	10.757	69	40770	10.175	ug/l	88
57) 1,3-Dichloropropane	11.039	76	48705	10.230	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.039	63	34937	37.685	ug/l	97
59) 2-Hexanone	11.080	43	147716	48.538	ug/l	90
60) Dibromochloromethane	11.233	129	30079	10.721	ug/l	100
61) 1,2-Dibromoethane	11.339	107	27866	10.355	ug/l	93
64) Tetrachloroethene	10.974	164	24595	11.923	ug/l	91
65) Chlorobenzene	11.769	112	72034	10.656	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.833	131	29624	11.606	ug/l	95
67) Ethyl Benzene	11.839	91	124706	10.634	ug/l	96
68) m/p-Xylenes	11.951	106	94351	21.540	ug/l	96
69) o-Xylene	12.274	106	47807	11.264	ug/l	99
70) Styrene	12.292	104	69696	10.442	ug/l	96
71) Bromoform	12.451	173	21016	11.001	ug/l #	99
73) Isopropylbenzene	12.574	105	118814	10.341	ug/l	99
74) N-amyl acetate	12.380	43	40302	9.503	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.827	83	41976	9.468	ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	36595m	9.608	ug/l	
77) Bromobenzene	12.857	156	27242	9.941	ug/l	90
78) n-propylbenzene	12.916	91	120552	9.553	ug/l	99
79) 2-Chlorotoluene	13.004	91	82877	9.993	ug/l	98
80) 1,3,5-Trimethylbenzene	13.057	105	98164	10.227	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.621	75	10727	9.665	ug/l	94
82) 4-Chlorotoluene	13.104	91	76055	9.859	ug/l	100
83) tert-Butylbenzene	13.321	119	83788	9.960	ug/l	96
84) 1,2,4-Trimethylbenzene	13.363	105	94130	10.194	ug/l	97
85) sec-Butylbenzene	13.498	105	109972	10.018	ug/l	97
86) p-Isopropyltoluene	13.610	119	86600	10.122	ug/l	96
87) 1,3-Dichlorobenzene	13.610	146	47164	10.620	ug/l	98
88) 1,4-Dichlorobenzene	13.686	146	45551	10.542	ug/l	93
89) n-Butylbenzene	13.939	91	61492	9.437	ug/l	97
90) Hexachloroethane	14.204	117	16480	8.904	ug/l	95
91) 1,2-Dichlorobenzene	13.980	146	46675	10.612	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.598	75	7839	9.914	ug/l	77
93) 1,2,4-Trichlorobenzene	15.257	180	16211	9.423	ug/l	96
94) Hexachlorobutadiene	15.368	225	11965	10.208	ug/l	97
95) Naphthalene	15.504	128	41540	8.515	ug/l	99
96) 1,2,3-Trichlorobenzene	15.692	180	15139	9.044	ug/l	94

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

