

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051822\
 Data File : VN072540.D
 Acq On : 18 May 2022 14:18
 Operator : JC\MD
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

Quant Time: May 18 15:24:22 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	175719	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	267423	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	276606	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	118977	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.428	65	53818	19.917	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	39.840%	#	
35) Dibromofluoromethane	8.016	113	35062	19.615	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	39.220%	#	
50) Toluene-d8	10.433	98	135064	19.888	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	39.780%	#	
62) 4-Bromofluorobenzene	12.727	95	51681	22.322	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	44.640%	#	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.063	85	38677	18.186	ug/l	91
3) Chloromethane	2.293	50	35047	15.577	ug/l	95
4) Vinyl Chloride	2.446	62	30600	17.295	ug/l	93
5) Bromomethane	2.805	94	28082	24.947	ug/l	100
6) Chloroethane	2.934	64	22769	18.933	ug/l	96
7) Trichlorofluoromethane	3.316	101	69332	20.658	ug/l	93
8) Diethyl Ether	3.828	74	20746	17.505	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.193	101	33210	18.371	ug/l	94
10) Methyl Iodide	4.404	142	43590	18.317	ug/l	# 81
11) Tert butyl alcohol	5.404	59	27392	67.315	ug/l	97
12) 1,1-Dichloroethene	4.163	96	29976	17.734	ug/l	97
13) Acrolein	4.040	56	33244	81.813	ug/l	99
14) Allyl chloride	4.816	41	48968	15.544	ug/l	89
15) Acrylonitrile	5.545	53	98655	85.548	ug/l	97
16) Acetone	4.287	43	85270	84.187	ug/l	91
17) Carbon Disulfide	4.510	76	73147	16.659	ug/l	99
18) Methyl Acetate	4.846	43	46100	15.402	ug/l	95
19) Methyl tert-butyl Ether	5.604	73	121671	19.495	ug/l	97
20) Methylene Chloride	5.081	84	35673	16.726	ug/l	93
21) trans-1,2-Dichloroethene	5.587	96	32509	18.010	ug/l	97
22) Diisopropyl ether	6.498	45	109541	16.943	ug/l	97
23) Vinyl Acetate	6.422	43	480983	88.902	ug/l	97
24) 1,1-Dichloroethane	6.375	63	63888	17.433	ug/l	99
25) 2-Butanone	7.334	43	130591	81.151	ug/l	94
26) 2,2-Dichloropropane	7.316	77	63201	20.293	ug/l	93
27) cis-1,2-Dichloroethene	7.316	96	40982	19.015	ug/l	95
28) Bromochloromethane	7.645	49	25450	16.309	ug/l	97
29) Tetrahydrofuran	7.681	42	82118	78.638	ug/l	95
30) Chloroform	7.810	83	74387	19.717	ug/l	100
31) Cyclohexane	8.087	56	59014	17.141	ug/l	94
32) 1,1,1-Trichloroethane	8.004	97	72532	20.842	ug/l	98
36) 1,1-Dichloropropene	8.210	75	49802	19.888	ug/l	99
37) Ethyl Acetate	7.404	43	54157	18.429	ug/l	98
38) Carbon Tetrachloride	8.198	117	63159	22.335	ug/l	98
39) Methylcyclohexane	9.451	83	56812	20.318	ug/l	93
40) Benzene	8.451	78	145288	19.443	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.628	41	26296	17.709	ug/l	94
42) 1,2-Dichloroethane	8.522	62	68800	22.580	ug/l	94
43) Isopropyl Acetate	8.557	43	88307	19.193	ug/l	96
44) Trichloroethene	9.204	130	41368	21.744	ug/l	98
45) 1,2-Dichloropropane	9.486	63	36979	19.701	ug/l	100
46) Dibromomethane	9.569	93	26537	19.945	ug/l	99
47) Bromodichloromethane	9.757	83	58444	21.372	ug/l #	98
48) Methyl methacrylate	9.557	41	41703	19.614	ug/l #	90
49) 1,4-Dioxane	9.569	88	8147	240.416	ug/l #	81
51) 4-Methyl-2-Pentanone	10.328	43	315121	109.293	ug/l	94
52) Toluene	10.498	92	98747	21.178	ug/l	99
53) t-1,3-Dichloropropene	10.716	75	61125	21.790	ug/l	95
54) cis-1,3-Dichloropropene	10.186	75	61415	20.758	ug/l #	90
55) 1,1,2-Trichloroethane	10.898	97	40963	20.852	ug/l	98
56) Ethyl methacrylate	10.757	69	67530	23.971	ug/l	89
57) 1,3-Dichloropropane	11.039	76	69536	20.951	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.033	63	67805	115.980	ug/l	99
59) 2-Hexanone	11.080	43	216095	107.360	ug/l	91
60) Dibromochloromethane	11.233	129	46976	22.411	ug/l	100
61) 1,2-Dibromoethane	11.339	107	45003	22.951	ug/l	98
64) Tetrachloroethene	10.969	164	39373	20.049	ug/l	93
65) Chlorobenzene	11.769	112	116705	20.782	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.839	131	45151	20.064	ug/l	95
67) Ethyl Benzene	11.839	91	209865	21.715	ug/l	99
68) m/p-Xylenes	11.951	106	163805	44.539	ug/l	93
69) o-Xylene	12.274	106	82708	22.851	ug/l	96
70) Styrene	12.292	104	129804	23.303	ug/l	95
71) Bromoform	12.451	173	36313	21.972	ug/l #	100
73) Isopropylbenzene	12.574	105	216502	22.089	ug/l	97
74) N-amyl acetate	12.386	43	62443	18.327	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.822	83	59210	17.067	ug/l	96
76) 1,2,3-Trichloropropane	12.874	75	53085m	17.317	ug/l	
77) Bromobenzene	12.857	156	50998	21.744	ug/l	99
78) n-propylbenzene	12.916	91	231517	22.018	ug/l	97
79) 2-Chlorotoluene	13.004	91	147778	21.226	ug/l	97
80) 1,3,5-Trimethylbenzene	13.057	105	185128	22.834	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.622	75	17247	18.979	ug/l	87
82) 4-Chlorotoluene	13.098	91	137613	20.964	ug/l	98
83) tert-Butylbenzene	13.321	119	160653	22.991	ug/l	97
84) 1,2,4-Trimethylbenzene	13.363	105	183483	23.561	ug/l	94
85) sec-Butylbenzene	13.498	105	207500	22.344	ug/l	100
86) p-Isopropyltoluene	13.610	119	172960	23.773	ug/l	96
87) 1,3-Dichlorobenzene	13.610	146	85374	21.201	ug/l	98
88) 1,4-Dichlorobenzene	13.692	146	80219	19.944	ug/l	95
89) n-Butylbenzene	13.939	91	127711	22.825	ug/l	96
90) Hexachloroethane	14.204	117	29243	20.132	ug/l	95
91) 1,2-Dichlorobenzene	13.986	146	85589	21.174	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.598	75	12892	20.664	ug/l	88
93) 1,2,4-Trichlorobenzene	15.257	180	33165	20.998	ug/l	98
94) Hexachlorobutadiene	15.368	225	19953	19.206	ug/l	97
95) Naphthalene	15.498	128	95353	20.973	ug/l	98
96) 1,2,3-Trichlorobenzene	15.698	180	34071	21.519	ug/l	98

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

