

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052422\
 Data File : VN072613.D
 Acq On : 25 May 2022 02:09
 Operator : JC\MD
 Sample : VN0524WBS02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0524WBS02

Quant Time: May 25 09:25:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N052422W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 25 09:15:20 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/25/2022
 Supervised By : Mahesh Dadoda 05/25/2022

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	105339	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	167150	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	209948	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	56699	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.428	65	72763	60.725	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 121.440%			
35) Dibromofluoromethane	8.016	113	54696	50.488	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 100.980%			
50) Toluene-d8	10.439	98	336972	81.461	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 162.920%#			
62) 4-Bromofluorobenzene	12.727	95	59984	44.585	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 89.180%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.063	85	22300	22.469	ug/l	94
3) Chloromethane	2.293	50	31135	27.154	ug/l	98
4) Vinyl Chloride	2.434	62	28740	29.307	ug/l	99
5) Bromomethane	2.810	94	9939	18.953	ug/l	100
6) Chloroethane	2.987	64	20632	34.722	ug/l	96
7) Trichlorofluoromethane	3.357	101	33527	20.208	ug/l	96
8) Diethyl Ether	3.816	74	13786	21.080	ug/l	85
9) 1,1,2-Trichlorotrifluo...	4.199	101	18756	18.706	ug/l	99
10) Methyl Iodide	4.410	142	7664	6.495	ug/l	96
11) Tert butyl alcohol	5.363	59	27206	120.574	ug/l	96
12) 1,1-Dichloroethene	4.169	96	18161	19.570	ug/l	93
13) Acrolein	4.028	56	13888	103.073	ug/l	95
14) Allyl chloride	4.834	41	35547	20.574	ug/l	94
15) Acrylonitrile	5.551	53	74768	104.207	ug/l	99
16) Acetone	4.281	43	70004	118.859	ug/l	91
17) Carbon Disulfide	4.516	76	43609	18.542	ug/l	99
18) Methyl Acetate	4.851	43	35675	21.975	ug/l	91
19) Methyl tert-butyl Ether	5.604	73	72580	22.102	ug/l	97
20) Methylene Chloride	5.087	84	23008	19.369	ug/l	87
21) trans-1,2-Dichloroethene	5.587	96	19442	19.360	ug/l	96
22) Diisopropyl ether	6.487	45	80273	21.865	ug/l	96
23) Vinyl Acetate	6.428	43	351344	112.684	ug/l	95
24) 1,1-Dichloroethane	6.381	63	41660	21.039	ug/l	99
25) 2-Butanone	7.328	43	111488	112.184	ug/l	93
26) 2,2-Dichloropropane	7.322	77	27713	18.176	ug/l	99
27) cis-1,2-Dichloroethene	7.322	96	24377	19.242	ug/l	95
28) Bromochloromethane	7.651	49	17594	21.538	ug/l #	86
29) Tetrahydrofuran	7.681	42	70469	113.963	ug/l	88
30) Chloroform	7.816	83	43496	20.896	ug/l	96
31) Cyclohexane	8.086	56	36669	19.319	ug/l	94
32) 1,1,1-Trichloroethane	8.010	97	37954	21.771	ug/l	97
36) 1,1-Dichloropropene	8.222	75	30960	20.200	ug/l	98
37) Ethyl Acetate	7.404	43	45010	22.465	ug/l #	93
38) Carbon Tetrachloride	8.198	117	30982	19.150	ug/l	97
39) Methylcyclohexane	9.457	83	51570	27.306	ug/l	98
40) Benzene	8.457	78	95444	19.298	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.634	41	20375	20.212	ug/l	90
42) 1,2-Dichloroethane	8.522	62	36132	22.549	ug/l	97
43) Isopropyl Acetate	8.557	43	64423	22.676	ug/l	93
44) Trichloroethene	9.210	130	22948	18.045	ug/l	92
45) 1,2-Dichloropropane	9.486	63	35228	27.448	ug/l	98
46) Dibromomethane	9.575	93	21481	25.076	ug/l	99
47) Bromodichloromethane	9.757	83	41594	24.916	ug/l	94
48) Methyl methacrylate	9.557	41	39684	28.716	ug/l	90
49) 1,4-Dioxane	9.563	88	15279	579.293	ug/l	96
51) 4-Methyl-2-Pentanone	10.328	43	319038	164.035	ug/l	96
52) Toluene	10.504	92	96129	30.693	ug/l	99
53) t-1,3-Dichloropropene	10.716	75	50341	29.501	ug/l	100
54) cis-1,3-Dichloropropene	10.186	75	58384	30.384	ug/l	99
55) 1,1,2-Trichloroethane	10.892	97	40074	30.841	ug/l	97
56) Ethyl methacrylate	10.757	69	63044	31.498	ug/l	94
57) 1,3-Dichloropropane	11.039	76	68169	31.128	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.033	63	131946	154.069	ug/l	96
59) 2-Hexanone	11.080	43	226552	164.309	ug/l	97
60) Dibromochloromethane	11.233	129	40231	28.927	ug/l	100
61) 1,2-Dibromoethane	11.345	107	39628	29.252	ug/l	98
64) Tetrachloroethene	10.975	164	34653	22.340	ug/l	98
65) Chlorobenzene	11.769	112	81110	17.266	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.839	131	30579	17.217	ug/l	99
67) Ethyl Benzene	11.839	91	149216	18.661	ug/l	99
68) m/p-Xylenes	11.951	106	115669	37.950	ug/l	99
69) o-Xylene	12.274	106	39776	13.500	ug/l	96
70) Styrene	12.292	104	61091	12.812	ug/l	96
71) Bromoform	12.451	173	17339	11.877	ug/l #	98
73) Isopropylbenzene	12.574	105	101076	20.013	ug/l	99
74) N-amyl acetate	12.386	43	43710	24.111	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.821	83	34397	19.285	ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	29913m	19.432	ug/l	
77) Bromobenzene	12.851	156	24149	19.274	ug/l	98
78) n-propylbenzene	12.916	91	109946	19.632	ug/l	99
79) 2-Chlorotoluene	13.004	91	65685	18.986	ug/l	100
80) 1,3,5-Trimethylbenzene	13.051	105	79405	20.213	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.621	75	9725	18.540	ug/l	89
82) 4-Chlorotoluene	13.098	91	60172	19.019	ug/l	100
83) tert-Butylbenzene	13.316	119	73373	20.057	ug/l	100
84) 1,2,4-Trimethylbenzene	13.363	105	79055	20.521	ug/l	99
85) sec-Butylbenzene	13.498	105	95544	19.530	ug/l	99
86) p-Isopropyltoluene	13.610	119	74301	19.263	ug/l	99
87) 1,3-Dichlorobenzene	13.610	146	36932	17.465	ug/l	98
88) 1,4-Dichlorobenzene	13.686	146	36444	17.567	ug/l	98
89) n-Butylbenzene	13.939	91	55952	17.978	ug/l	97
90) Hexachloroethane	14.204	117	14484	18.994	ug/l	95
91) 1,2-Dichlorobenzene	13.980	146	37775	18.649	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.598	75	6335	20.836	ug/l	93
93) 1,2,4-Trichlorobenzene	15.257	180	19323	18.111	ug/l	96
94) Hexachlorobutadiene	15.362	225	10166	16.146	ug/l	98
95) Naphthalene	15.504	128	73206	20.746	ug/l	100
96) 1,2,3-Trichlorobenzene	15.698	180	18836	16.489	ug/l	98

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

