

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050222\
 Data File : VN072289.D
 Acq On : 02 May 2022 12:10
 Operator : JC\MD
 Sample : VN0502WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0502WBS01

Quant Time: May 03 03:09:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042622W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 26 18:50:11 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 05/03/2022
 Supervised By : Mahesh Dadoda 05/03/2022

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	220144	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	354892	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	324186	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	128007	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	192305	56.900	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 113.800%			
35) Dibromofluoromethane	8.016	113	126844	55.841	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 111.680%			
50) Toluene-d8	10.439	98	492439	55.171	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 110.340%			
62) 4-Bromofluorobenzene	12.727	95	176760	59.664	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 119.320%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.069	85	50059	20.187	ug/l	96
3) Chloromethane	2.299	50	45985	16.059	ug/l	97
4) Vinyl Chloride	2.440	62	40726	16.434	ug/l	97
5) Bromomethane	2.852	94	26396	20.949	ug/l	100
6) Chloroethane	3.016	64	26848	18.109	ug/l	97
7) Trichlorofluoromethane	3.375	101	87052	20.106	ug/l	98
8) Diethyl Ether	3.828	74	28591	18.237	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.216	101	43746	19.236	ug/l	95
10) Methyl Iodide	4.416	142	49787	18.035	ug/l	# 82
11) Tert butyl alcohol	5.369	59	52116	93.834	ug/l	100
12) 1,1-Dichloroethene	4.181	96	38135	18.137	ug/l	97
13) Acrolein	4.040	56	45141	80.763	ug/l	93
14) Allyl chloride	4.840	41	71807	16.449	ug/l	93
15) Acrylonitrile	5.557	53	140345	83.737	ug/l	99
16) Acetone	4.281	43	149122	102.340	ug/l	97
17) Carbon Disulfide	4.534	76	82682	16.955	ug/l	100
18) Methyl Acetate	4.857	43	68626	16.821	ug/l	95
19) Methyl tert-butyl Ether	5.622	73	171299	20.784	ug/l	97
20) Methylene Chloride	5.098	84	47659	17.063	ug/l	93
21) trans-1,2-Dichloroethene	5.604	96	40781	17.589	ug/l	89
22) Diisopropyl ether	6.492	45	156328	17.385	ug/l	99
23) Vinyl Acetate	6.434	43	659907	87.382	ug/l	94
24) 1,1-Dichloroethane	6.387	63	92395	18.370	ug/l	98
25) 2-Butanone	7.334	43	197015	84.899	ug/l	90
26) 2,2-Dichloropropane	7.328	77	86925	22.124	ug/l	94
27) cis-1,2-Dichloroethene	7.322	96	50653	17.921	ug/l	87
28) Bromochloromethane	7.657	49	40926	18.171	ug/l	90
29) Tetrahydrofuran	7.681	42	119701	78.600	ug/l	96
30) Chloroform	7.816	83	99216	19.646	ug/l	97
31) Cyclohexane	8.092	56	75568	16.734	ug/l	88
32) 1,1,1-Trichloroethane	8.010	97	91917	21.388	ug/l	99
36) 1,1-Dichloropropene	8.216	75	66318	20.058	ug/l	95
37) Ethyl Acetate	7.410	43	74805	17.036	ug/l	99
38) Carbon Tetrachloride	8.204	117	79070	22.329	ug/l	94
39) Methylcyclohexane	9.457	83	73351	19.836	ug/l	90
40) Benzene	8.457	78	192889	18.808	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.634	41	39498	17.782	ug/l	89
42) 1,2-Dichloroethane	8.528	62	86116	21.933	ug/l	96
43) Isopropyl Acetate	8.557	43	117861	17.623	ug/l	99
44) Trichloroethene	9.216	130	46888	19.654	ug/l	92
45) 1,2-Dichloropropane	9.486	63	49673	17.925	ug/l	100
46) Dibromomethane	9.575	93	34822	20.059	ug/l	92
47) Bromodichloromethane	9.757	83	79204	21.744	ug/l	94
48) Methyl methacrylate	9.557	41	58210	20.070	ug/l	90
49) 1,4-Dioxane	9.569	88	21083	413.805	ug/l #	95
51) 4-Methyl-2-Pentanone	10.328	43	375987	90.754	ug/l	97
52) Toluene	10.498	92	125861	20.529	ug/l	97
53) t-1,3-Dichloropropene	10.716	75	78912	21.551	ug/l	100
54) cis-1,3-Dichloropropene	10.186	75	83659	21.126	ug/l	92
55) 1,1,2-Trichloroethane	10.892	97	51332	19.968	ug/l	95
56) Ethyl methacrylate	10.757	69	79614	19.213	ug/l #	90
57) 1,3-Dichloropropane	11.039	76	89313	19.799	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.039	63	74153	74.612	ug/l	95
59) 2-Hexanone	11.080	43	270273	92.594	ug/l	95
60) Dibromochloromethane	11.233	129	56821	21.616	ug/l	100
61) 1,2-Dibromoethane	11.345	107	50378	19.927	ug/l	99
64) Tetrachloroethene	10.975	164	40690	20.851	ug/l	95
65) Chlorobenzene	11.763	112	129447	19.762	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.833	131	53827	21.808	ug/l	95
67) Ethyl Benzene	11.839	91	240269	21.033	ug/l	96
68) m/p-Xylenes	11.951	106	173274	40.848	ug/l	84
69) o-Xylene	12.274	106	86944	21.142	ug/l	85
70) Styrene	12.292	104	138412	21.368	ug/l	94
71) Bromoform	12.457	173	39541	21.540	ug/l #	99
73) Isopropylbenzene	12.574	105	235240	20.807	ug/l	96
74) N-amyl acetate	12.386	43	72760	17.178	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.821	83	77405	19.652	ug/l	97
76) 1,2,3-Trichloropropane	12.874	75	72076m	24.991	ug/l	
77) Bromobenzene	12.857	156	51171	19.140	ug/l	88
78) n-propylbenzene	12.916	91	258103	20.723	ug/l	96
79) 2-Chlorotoluene	13.004	91	166626	20.368	ug/l	94
80) 1,3,5-Trimethylbenzene	13.057	105	200184	21.261	ug/l	93
81) trans-1,4-Dichloro-2-b...	12.621	75	21113	19.071	ug/l	89
82) 4-Chlorotoluene	13.098	91	155359	20.401	ug/l	94
83) tert-Butylbenzene	13.321	119	170874	20.670	ug/l	91
84) 1,2,4-Trimethylbenzene	13.363	105	196740	21.597	ug/l	91
85) sec-Butylbenzene	13.498	105	229243	21.270	ug/l	97
86) p-Isopropyltoluene	13.610	119	183433	21.831	ug/l	95
87) 1,3-Dichlorobenzene	13.610	146	86027	19.881	ug/l	96
88) 1,4-Dichlorobenzene	13.692	146	82109	19.512	ug/l	93
89) n-Butylbenzene	13.939	91	128729	20.002	ug/l	97
90) Hexachloroethane	14.204	117	35909	19.687	ug/l	92
91) 1,2-Dichlorobenzene	13.986	146	86880	20.371	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.604	75	16028	20.498	ug/l	74
93) 1,2,4-Trichlorobenzene	15.257	180	35893	19.743	ug/l	95
94) Hexachlorobutadiene	15.368	225	25306	22.143	ug/l	97
95) Naphthalene	15.504	128	95976	17.531	ug/l	99
96) 1,2,3-Trichlorobenzene	15.692	180	35005	19.535	ug/l	96

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

