

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032222\
 Data File : VN071460.D
 Acq On : 22 Mar 2022 11:54
 Operator : JC\MD
 Sample : VN0322WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0322WBS01

Quant Time: Mar 23 07:06:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030722W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 08 06:52:46 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 03/23/2022
 Supervised By :Semsettin Yesilyurt 03/23/2022

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

Internal Standards						
1) Pentafluorobenzene	8.080	168	585008	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	952974	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	842336	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	334715	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	455662	56.832	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 113.660%			
35) Dibromofluoromethane	8.016	113	341535	56.794	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 113.580%			
50) Toluene-d8	10.433	98	1324463	54.702	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 109.400%			
62) 4-Bromofluorobenzene	12.727	95	436987	53.298	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 106.600%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.069	85	111839	17.443	ug/l	96
3) Chloromethane	2.299	50	157854	18.317	ug/l	97
4) Vinyl Chloride	2.440	62	147822	18.813	ug/l	99
5) Bromomethane	2.840	94	81032	19.443	ug/l	98
6) Chloroethane	3.004	64	88620	18.624	ug/l	90
7) Trichlorofluoromethane	3.369	101	204841	19.807	ug/l	95
8) Diethyl Ether	3.822	74	90767	20.510	ug/l	88
9) 1,1,2-Trichlorotrifluo...	4.210	101	120385	20.108	ug/l	95
10) Methyl Iodide	4.416	142	152439	18.027	ug/l	99
11) Tert butyl alcohol	5.363	59	161751	102.695	ug/l	99
12) 1,1-Dichloroethene	4.187	96	115567	19.705	ug/l	98
13) Acrolein	4.040	56	81500	48.887	ug/l	97
14) Allyl chloride	4.840	41	250936	19.672	ug/l	88
15) Acrylonitrile	5.545	53	485735	103.860	ug/l	100
16) Acetone	4.281	43	433638	111.155	ug/l	98
17) Carbon Disulfide	4.528	76	268064	16.055	ug/l	99
18) Methyl Acetate	4.851	43	244102	23.549	ug/l	95
19) Methyl tert-butyl Ether	5.616	73	479566	21.779	ug/l	96
20) Methylene Chloride	5.092	84	146036	20.707	ug/l	87
21) trans-1,2-Dichloroethene	5.592	96	124441	19.398	ug/l	88
22) Diisopropyl ether	6.492	45	546848	21.760	ug/l	91
23) Vinyl Acetate	6.428	43	2326359	109.347	ug/l	97
24) 1,1-Dichloroethane	6.386	63	278256	20.954	ug/l	99
25) 2-Butanone	7.328	43	683569	108.773	ug/l	94
26) 2,2-Dichloropropane	7.322	77	225271	21.989	ug/l	96
27) cis-1,2-Dichloroethene	7.322	96	156223	20.519	ug/l	89
28) Bromochloromethane	7.651	49	131281	22.200	ug/l #	80
29) Tetrahydrofuran	7.681	42	461013	105.891	ug/l	91
30) Chloroform	7.816	83	267370	21.110	ug/l	100
31) Cyclohexane	8.092	56	251257	19.624	ug/l	91
32) 1,1,1-Trichloroethane	8.016	97	228389	21.170	ug/l	97
36) 1,1-Dichloropropene	8.216	75	192669	19.997	ug/l	97
37) Ethyl Acetate	7.404	43	269432	20.319	ug/l	98
38) Carbon Tetrachloride	8.204	117	188157	20.189	ug/l	98
39) Methylcyclohexane	9.457	83	226393	19.973	ug/l	94
40) Benzene	8.457	78	601032	20.704	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.628	41	143588	22.127	ug/l #	86
42) 1,2-Dichloroethane	8.528	62	217696	21.550	ug/l	99
43) Isopropyl Acetate	8.557	43	433480	21.860	ug/l	95
44) Trichloroethene	9.210	130	140220	20.471	ug/l	91
45) 1,2-Dichloropropane	9.486	63	164295	21.083	ug/l	99
46) Dibromomethane	9.575	93	100212	20.893	ug/l	97
47) Bromodichloromethane	9.757	83	206243	21.277	ug/l	98
48) Methyl methacrylate	9.551	41	184512	20.079	ug/l #	88
49) 1,4-Dioxane	9.563	88	70806	443.282	ug/l	89
51) 4-Methyl-2-Pentanone	10.327	43	1353584	109.991	ug/l	100
52) Toluene	10.498	92	370829	20.745	ug/l	96
53) t-1,3-Dichloropropene	10.716	75	223516	20.919	ug/l	95
54) cis-1,3-Dichloropropene	10.186	75	246057	21.076	ug/l	98
55) 1,1,2-Trichloroethane	10.892	97	152436	21.281	ug/l	99
56) Ethyl methacrylate	10.757	69	250588	21.422	ug/l	91
57) 1,3-Dichloropropane	11.039	76	272759	21.214	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.033	63	291356	133.202	ug/l	95
59) 2-Hexanone	11.080	43	968622	115.357	ug/l	99
60) Dibromochloromethane	11.233	129	150739	21.179	ug/l	99
61) 1,2-Dibromoethane	11.339	107	149706	20.449	ug/l	98
64) Tetrachloroethene	10.974	164	118063	20.097	ug/l	95
65) Chlorobenzene	11.768	112	383024	21.174	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.833	131	144315	21.757	ug/l	99
67) Ethyl Benzene	11.839	91	687225	21.486	ug/l	96
68) m/p-Xylenes	11.951	106	516218	44.118	ug/l	97
69) o-Xylene	12.274	106	261970	22.335	ug/l	99
70) Styrene	12.286	104	402946	22.194	ug/l	97
71) Bromoform	12.451	173	108563	21.552	ug/l #	97
73) Isopropylbenzene	12.574	105	670011	20.765	ug/l	100
74) N-amyl acetate	12.380	43	277725	22.892	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.821	83	239986	23.680	ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	178131m	20.280	ug/l	
77) Bromobenzene	12.857	156	153810	20.443	ug/l	78
78) n-propylbenzene	12.915	91	728294	21.035	ug/l	96
79) 2-Chlorotoluene	13.004	91	461530	20.765	ug/l	93
80) 1,3,5-Trimethylbenzene	13.057	105	534326	21.285	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.621	75	66521	21.484	ug/l	96
82) 4-Chlorotoluene	13.098	91	426966	21.567	ug/l	94
83) tert-Butylbenzene	13.321	119	481021	21.472	ug/l	97
84) 1,2,4-Trimethylbenzene	13.363	105	520340	21.641	ug/l	99
85) sec-Butylbenzene	13.498	105	640663	21.516	ug/l	99
86) p-Isopropyltoluene	13.610	119	512063	21.867	ug/l	98
87) 1,3-Dichlorobenzene	13.610	146	253453	20.732	ug/l	98
88) 1,4-Dichlorobenzene	13.692	146	248561	20.800	ug/l	98
89) n-Butylbenzene	13.939	91	371409	20.278	ug/l	97
90) Hexachloroethane	14.204	117	94154	20.218	ug/l	89
91) 1,2-Dichlorobenzene	13.986	146	251642	21.410	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.598	75	41908	22.323	ug/l	83
93) 1,2,4-Trichlorobenzene	15.257	180	101125	20.322	ug/l	99
94) Hexachlorobutadiene	15.362	225	70157	21.263	ug/l	98
95) Naphthalene	15.504	128	283865	21.692	ug/l	100
96) 1,2,3-Trichlorobenzene	15.698	180	104457	21.524	ug/l	99

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

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