

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032222\
 Data File : VN071461.D
 Acq On : 22 Mar 2022 12:31
 Operator : JC\MD
 Sample : VN0322WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0322WBSD01

Manual Integrations
 APPROVED

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

Quant Time: Mar 23 07:06:49 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

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	514295	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	835834	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	757172	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	311914	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	396994	56.322	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 112.640%			
35) Dibromofluoromethane	8.016	113	293102	55.571	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 111.140%			
50) Toluene-d8	10.439	98	1149387	54.124	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 108.240%			
62) 4-Bromofluorobenzene	12.727	95	388688	54.051	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 108.100%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.069	85	96393	17.101	ug/l	97
3) Chloromethane	2.299	50	140839	18.590	ug/l	99
4) Vinyl Chloride	2.440	62	126854	18.364	ug/l	99
5) Bromomethane	2.840	94	66070	17.541	ug/l	92
6) Chloroethane	3.010	64	72571	17.348	ug/l	98
7) Trichlorofluoromethane	3.369	101	178550	19.638	ug/l	99
8) Diethyl Ether	3.822	74	87337	22.448	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.210	101	110644	21.022	ug/l	94
10) Methyl Iodide	4.422	142	138998	18.698	ug/l	99
11) Tert butyl alcohol	5.357	59	138680	100.154	ug/l	98
12) 1,1-Dichloroethene	4.181	96	103401	20.055	ug/l	90
13) Acrolein	4.040	56	81440	55.568	ug/l	98
14) Allyl chloride	4.840	41	220744	19.684	ug/l	88
15) Acrylonitrile	5.551	53	430575	104.724	ug/l	99
16) Acetone	4.281	43	367085	107.034	ug/l	94
17) Carbon Disulfide	4.528	76	247120	16.835	ug/l	97
18) Methyl Acetate	4.851	43	213684	23.451	ug/l	94
19) Methyl tert-butyl Ether	5.610	73	429209	22.172	ug/l	96
20) Methylene Chloride	5.093	84	129289	20.850	ug/l #	88
21) trans-1,2-Dichloroethene	5.592	96	109680	19.448	ug/l	90
22) Diisopropyl ether	6.492	45	484667	21.938	ug/l	90
23) Vinyl Acetate	6.428	43	2075458	110.967	ug/l	98
24) 1,1-Dichloroethane	6.381	63	243196	20.832	ug/l	99
25) 2-Butanone	7.328	43	593531	107.432	ug/l	98
26) 2,2-Dichloropropane	7.322	77	192257	21.347	ug/l	99
27) cis-1,2-Dichloroethene	7.316	96	137017	20.470	ug/l	89
28) Bromochloromethane	7.657	49	116665	22.441	ug/l #	81
29) Tetrahydrofuran	7.681	42	408988	106.858	ug/l	89
30) Chloroform	7.816	83	237699	21.348	ug/l	100
31) Cyclohexane	8.092	56	218149	19.381	ug/l	93
32) 1,1,1-Trichloroethane	8.010	97	198346	20.913	ug/l	98
36) 1,1-Dichloropropene	8.216	75	166263	19.674	ug/l	97
37) Ethyl Acetate	7.404	43	236119	20.302	ug/l	99
38) Carbon Tetrachloride	8.204	117	160683	19.658	ug/l	97
39) Methylcyclohexane	9.457	83	196767	19.792	ug/l	93
40) Benzene	8.457	78	526402	20.674	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.634	41	112719	19.804	ug/l	94
42) 1,2-Dichloroethane	8.528	62	197557	22.297	ug/l	99
43) Isopropyl Acetate	8.557	43	385935	22.190	ug/l	95
44) Trichloroethene	9.210	130	122022	20.311	ug/l	97
45) 1,2-Dichloropropane	9.486	63	144415	21.129	ug/l	98
46) Dibromomethane	9.575	93	90307	21.467	ug/l	96
47) Bromodichloromethane	9.757	83	181206	21.314	ug/l	96
48) Methyl methacrylate	9.551	41	173775	21.561	ug/l #	83
49) 1,4-Dioxane	9.563	88	58610	418.353	ug/l #	84
51) 4-Methyl-2-Pentanone	10.327	43	1190749	110.320	ug/l	100
52) Toluene	10.498	92	325454	20.758	ug/l	96
53) t-1,3-Dichloropropene	10.716	75	198591	21.191	ug/l	99
54) cis-1,3-Dichloropropene	10.186	75	216306	21.124	ug/l	96
55) 1,1,2-Trichloroethane	10.892	97	136887	21.788	ug/l	99
56) Ethyl methacrylate	10.757	69	223037	21.739	ug/l	90
57) 1,3-Dichloropropane	11.039	76	245473	21.768	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.033	63	244639	128.708	ug/l	94
59) 2-Hexanone	11.080	43	849603	115.363	ug/l	100
60) Dibromochloromethane	11.233	129	133240	21.344	ug/l	98
61) 1,2-Dibromoethane	11.345	107	133440	20.782	ug/l	99
64) Tetrachloroethene	10.974	164	104105	19.714	ug/l	97
65) Chlorobenzene	11.763	112	340353	20.931	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.833	131	127866	21.445	ug/l	98
67) Ethyl Benzene	11.839	91	608508	21.165	ug/l	98
68) m/p-Xylenes	11.951	106	460093	43.744	ug/l	96
69) o-Xylene	12.274	106	229281	21.747	ug/l	97
70) Styrene	12.286	104	364409	22.329	ug/l	97
71) Bromoform	12.457	173	98274	21.704	ug/l #	98
73) Isopropylbenzene	12.574	105	592439	19.703	ug/l	98
74) N-amyl acetate	12.380	43	245778	21.740	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.821	83	215389	22.707	ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	162960m	19.855	ug/l	
77) Bromobenzene	12.857	156	135189	19.281	ug/l	78
78) n-propylbenzene	12.916	91	650518	20.162	ug/l	97
79) 2-Chlorotoluene	13.004	91	409372	19.765	ug/l	95
80) 1,3,5-Trimethylbenzene	13.057	105	476945	20.388	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.621	75	56822	19.693	ug/l	98
82) 4-Chlorotoluene	13.098	91	382619	20.740	ug/l	96
83) tert-Butylbenzene	13.316	119	428444	20.523	ug/l	97
84) 1,2,4-Trimethylbenzene	13.363	105	465235	20.763	ug/l	99
85) sec-Butylbenzene	13.498	105	574326	20.698	ug/l	99
86) p-Isopropyltoluene	13.610	119	459613	21.062	ug/l	98
87) 1,3-Dichlorobenzene	13.610	146	228764	20.080	ug/l	96
88) 1,4-Dichlorobenzene	13.692	146	224087	20.123	ug/l	96
89) n-Butylbenzene	13.939	91	335680	19.667	ug/l	97
90) Hexachloroethane	14.204	117	83140	19.158	ug/l	88
91) 1,2-Dichlorobenzene	13.986	146	229378	20.943	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.598	75	35633	20.368	ug/l	87
93) 1,2,4-Trichlorobenzene	15.257	180	100034	21.389	ug/l	95
94) Hexachlorobutadiene	15.368	225	64388	20.941	ug/l	97
95) Naphthalene	15.504	128	266710	21.830	ug/l	99
96) 1,2,3-Trichlorobenzene	15.698	180	96565	21.374	ug/l	99

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

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