

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040222\
 Data File : VN071801.D
 Acq On : 02 Apr 2022 16:33
 Operator : JC\MD
 Sample : VN0402WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0402WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/04/2022
 Supervised By : Mahesh Dadoda 04/05/2022

Quant Time: Apr 04 01:07:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 31 01:57:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	548860	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	881065	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	789432	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	300446	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	325436	51.938	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 103.880%			
35) Dibromofluoromethane	8.016	113	269623	52.005	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 104.000%			
50) Toluene-d8	10.439	98	1107735	52.230	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 104.460%			
62) 4-Bromofluorobenzene	12.727	95	343668	50.103	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 100.200%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.069	85	83969	19.244	ug/l	99
3) Chloromethane	2.299	50	102723	18.578	ug/l	96
4) Vinyl Chloride	2.440	62	112564	18.538	ug/l	96
5) Bromomethane	2.840	94	74599	18.899	ug/l	97
6) Chloroethane	3.005	64	74989	17.167	ug/l	99
7) Trichlorofluoromethane	3.369	101	148598	19.235	ug/l	99
8) Diethyl Ether	3.828	74	66619	20.405	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.210	101	94751	19.903	ug/l	100
10) Methyl Iodide	4.416	142	123971	18.629	ug/l	99
11) Tert butyl alcohol	5.363	59	112789	110.920	ug/l	100
12) 1,1-Dichloroethene	4.187	96	89884	19.841	ug/l	96
13) Acrolein	4.040	56	110608	89.211	ug/l	97
14) Allyl chloride	4.840	41	146843	19.970	ug/l	97
15) Acrylonitrile	5.551	53	335230	113.420	ug/l	99
16) Acetone	4.287	43	253722	94.750	ug/l	98
17) Carbon Disulfide	4.528	76	186343	17.927	ug/l	99
18) Methyl Acetate	4.863	43	148234	21.491	ug/l	99
19) Methyl tert-butyl Ether	5.610	73	353529	21.005	ug/l	96
20) Methylene Chloride	5.093	84	115861	20.528	ug/l	97
21) trans-1,2-Dichloroethene	5.593	96	96434	19.390	ug/l	97
22) Diisopropyl ether	6.493	45	340351	21.262	ug/l	97
23) Vinyl Acetate	6.428	43	1410295	110.789	ug/l	99
24) 1,1-Dichloroethane	6.387	63	195941	20.851	ug/l	98
25) 2-Butanone	7.328	43	422564	109.461	ug/l	98
26) 2,2-Dichloropropane	7.322	77	158350	19.615	ug/l	98
27) cis-1,2-Dichloroethene	7.322	96	125593	20.594	ug/l	98
28) Bromochloromethane	7.657	49	80593	21.260	ug/l	100
29) Tetrahydrofuran	7.681	42	287663	115.081	ug/l	100
30) Chloroform	7.816	83	204404	20.600	ug/l	100
31) Cyclohexane	8.087	56	164380	19.291	ug/l	96
32) 1,1,1-Trichloroethane	8.010	97	171462	20.199	ug/l	98
36) 1,1-Dichloropropene	8.222	75	139778	19.306	ug/l	100
37) Ethyl Acetate	7.410	43	175298	22.121	ug/l	100
38) Carbon Tetrachloride	8.204	117	138872	19.571	ug/l	99
39) Methylcyclohexane	9.457	83	164949	19.139	ug/l	95
40) Benzene	8.457	78	458402	20.043	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.634	41	85240	21.968	ug/l	95
42) 1,2-Dichloroethane	8.528	62	157356	19.889	ug/l	99
43) Isopropyl Acetate	8.557	43	257151	19.509	ug/l	99
44) Trichloroethene	9.210	130	117300	19.908	ug/l	98
45) 1,2-Dichloropropane	9.486	63	119061	20.838	ug/l	96
46) Dibromomethane	9.575	93	79260	20.431	ug/l	98
47) Bromodichloromethane	9.757	83	159754	20.920	ug/l	97
48) Methyl methacrylate	9.557	41	121966	22.303	ug/l	97
49) 1,4-Dioxane	9.563	88	55041	416.198	ug/l	97
51) 4-Methyl-2-Pentanone	10.328	43	845589	111.581	ug/l	98
52) Toluene	10.504	92	301607	20.862	ug/l	99
53) t-1,3-Dichloropropene	10.716	75	166892	20.853	ug/l	98
54) cis-1,3-Dichloropropene	10.186	75	182535	20.642	ug/l	97
55) 1,1,2-Trichloroethane	10.892	97	121772	20.466	ug/l	99
56) Ethyl methacrylate	10.757	69	183760	21.649	ug/l	96
57) 1,3-Dichloropropane	11.039	76	208134	20.921	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.039	63	166278	76.278	ug/l	99
59) 2-Hexanone	11.080	43	593150	111.171	ug/l	98
60) Dibromochloromethane	11.233	129	124470	21.454	ug/l	98
61) 1,2-Dibromoethane	11.339	107	122452	20.907	ug/l	98
64) Tetrachloroethene	10.975	164	103222	19.801	ug/l	98
65) Chlorobenzene	11.769	112	317623	20.093	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.839	131	116979	20.508	ug/l	99
67) Ethyl Benzene	11.839	91	545942	20.402	ug/l	99
68) m/p-Xylenes	11.951	106	416286	40.488	ug/l	100
69) o-Xylene	12.275	106	210329	20.610	ug/l	99
70) Styrene	12.292	104	322603	20.864	ug/l	100
71) Bromoform	12.457	173	90373	20.805	ug/l #	99
73) Isopropylbenzene	12.575	105	530285	20.945	ug/l	99
74) N-amyl acetate	12.386	43	159150	21.939	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.822	83	187738	22.224	ug/l	98
76) 1,2,3-Trichloropropane	12.874	75	138301m	19.871	ug/l	
77) Bromobenzene	12.857	156	124982	19.692	ug/l	97
78) n-propylbenzene	12.916	91	556103	20.881	ug/l	99
79) 2-Chlorotoluene	13.004	91	357388	20.925	ug/l	99
80) 1,3,5-Trimethylbenzene	13.057	105	426479	21.261	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.622	75	44535	19.829	ug/l	98
82) 4-Chlorotoluene	13.104	91	327253	20.671	ug/l	99
83) tert-Butylbenzene	13.322	119	383092	20.892	ug/l	100
84) 1,2,4-Trimethylbenzene	13.363	105	420103	21.464	ug/l	99
85) sec-Butylbenzene	13.498	105	505508	21.267	ug/l	100
86) p-Isopropyltoluene	13.610	119	404564	21.346	ug/l	100
87) 1,3-Dichlorobenzene	13.610	146	200556	19.835	ug/l	99
88) 1,4-Dichlorobenzene	13.692	146	195714	19.840	ug/l	99
89) n-Butylbenzene	13.939	91	280718	19.970	ug/l	100
90) Hexachloroethane	14.204	117	71876	20.717	ug/l	99
91) 1,2-Dichlorobenzene	13.986	146	199181	20.066	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.598	75	28185	21.510	ug/l	97
93) 1,2,4-Trichlorobenzene	15.257	180	83265	18.773	ug/l	98
94) Hexachlorobutadiene	15.363	225	54076	18.471	ug/l	98
95) Naphthalene	15.504	128	216650	18.434	ug/l	100
96) 1,2,3-Trichlorobenzene	15.698	180	85494	19.980	ug/l	97

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

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