

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022222\
 Data File : VN071023.D
 Acq On : 22 Feb 2022 13:10
 Operator : JC\MD
 Sample : VN0222WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0222WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/23/2022
 Supervised By : Mahesh Dadoda 02/23/2022

Quant Time: Feb 23 00:58:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021522W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 21 07:57:15 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	586148	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	934077	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	847279	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	331343	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	352128	52.590	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 105.180%			
35) Dibromofluoromethane	8.016	113	275634	49.611	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 99.220%			
50) Toluene-d8	10.439	98	1091715	48.929	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 97.860%			
62) 4-Bromofluorobenzene	12.727	95	358533	44.956	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 89.920%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.069	85	105296	17.296	ug/l	98
3) Chloromethane	2.299	50	143808	18.793	ug/l	99
4) Vinyl Chloride	2.446	62	131616	17.182	ug/l	97
5) Bromomethane	2.846	94	77630	17.840	ug/l	98
6) Chloroethane	3.010	64	80429	16.004	ug/l	100
7) Trichlorofluoromethane	3.375	101	177159	18.455	ug/l	96
8) Diethyl Ether	3.828	74	77191	18.497	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.210	101	104097	17.674	ug/l	96
10) Methyl Iodide	4.428	142	141254	17.317	ug/l	98
11) Tert butyl alcohol	5.357	59	125604	102.933	ug/l	99
12) 1,1-Dichloroethene	4.187	96	98227	17.117	ug/l	98
13) Acrolein	4.040	56	117631	107.880	ug/l	99
14) Allyl chloride	4.840	41	201141	18.379	ug/l	87
15) Acrylonitrile	5.551	53	393487	109.476	ug/l	99
16) Acetone	4.287	43	315919	85.674	ug/l	94
17) Carbon Disulfide	4.534	76	251267	15.269	ug/l	98
18) Methyl Acetate	4.857	43	181481	22.141	ug/l	96
19) Methyl tert-butyl Ether	5.616	73	389347	19.342	ug/l	98
20) Methylene Chloride	5.093	84	126438	18.867	ug/l	91
21) trans-1,2-Dichloroethene	5.593	96	106705	17.325	ug/l	98
22) Diisopropyl ether	6.487	45	438930	20.911	ug/l	97
23) Vinyl Acetate	6.428	43	1823413	102.622	ug/l	99
24) 1,1-Dichloroethane	6.381	63	224653	19.093	ug/l	99
25) 2-Butanone	7.328	43	520091	106.025	ug/l	97
26) 2,2-Dichloropropane	7.322	77	175224	17.918	ug/l	98
27) cis-1,2-Dichloroethene	7.322	96	129598	18.308	ug/l	91
28) Bromochloromethane	7.657	49	81712	17.158	ug/l	86
29) Tetrahydrofuran	7.681	42	354874	111.673	ug/l	94
30) Chloroform	7.816	83	219603	18.976	ug/l	99
31) Cyclohexane	8.092	56	216313	18.680	ug/l	95
32) 1,1,1-Trichloroethane	8.010	97	186684	18.679	ug/l	98
36) 1,1-Dichloropropene	8.216	75	161887	17.785	ug/l	97
37) Ethyl Acetate	7.410	43	213612	21.882	ug/l	99
38) Carbon Tetrachloride	8.198	117	155157	17.300	ug/l	98
39) Methylcyclohexane	9.457	83	195956	16.730	ug/l	96
40) Benzene	8.457	78	498742	18.523	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.634	41	109043	21.209	ug/l	87
42) 1,2-Dichloroethane	8.528	62	180311	19.663	ug/l	98
43) Isopropyl Acetate	8.557	43	317468	20.632	ug/l	99
44) Trichloroethene	9.210	130	121942	17.199	ug/l	93
45) 1,2-Dichloropropane	9.486	63	133532	19.361	ug/l	99
46) Dibromomethane	9.575	93	83986	18.504	ug/l	99
47) Bromodichloromethane	9.757	83	168445	18.363	ug/l	98
48) Methyl methacrylate	9.557	41	148164	20.343	ug/l #	85
49) 1,4-Dioxane	9.563	88	56147	434.039	ug/l	87
51) 4-Methyl-2-Pentanone	10.328	43	1017613	108.697	ug/l	98
52) Toluene	10.504	92	313266	18.516	ug/l	96
53) t-1,3-Dichloropropene	10.716	75	181064	18.153	ug/l	97
54) cis-1,3-Dichloropropene	10.186	75	200421	18.296	ug/l	96
55) 1,1,2-Trichloroethane	10.892	97	126476	19.098	ug/l	98
56) Ethyl methacrylate	10.757	69	197512	19.795	ug/l	92
57) 1,3-Dichloropropane	11.039	76	223897	19.545	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.039	63	155898	93.106	ug/l	95
59) 2-Hexanone	11.080	43	708108	109.977	ug/l	98
60) Dibromochloromethane	11.233	129	124554	17.796	ug/l	98
61) 1,2-Dibromoethane	11.339	107	128074	19.013	ug/l	98
64) Tetrachloroethene	10.975	164	111694	16.927	ug/l	93
65) Chlorobenzene	11.763	112	329711	18.059	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.833	131	122049	18.339	ug/l	99
67) Ethyl Benzene	11.839	91	573730	17.954	ug/l	96
68) m/p-Xylenes	11.945	106	441705	35.785	ug/l	99
69) o-Xylene	12.280	106	213607	17.716	ug/l	96
70) Styrene	12.292	104	339599	17.713	ug/l	98
71) Bromoform	12.457	173	91396	17.243	ug/l #	98
73) Isopropylbenzene	12.575	105	557388	20.899	ug/l	99
74) N-amyl acetate	12.386	43	186293	21.852	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.822	83	190337	22.458	ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	168365m	21.581	ug/l	
77) Bromobenzene	12.857	156	131704	20.172	ug/l	86
78) n-propylbenzene	12.916	91	597970	19.955	ug/l	98
79) 2-Chlorotoluene	13.004	91	380722	20.922	ug/l	94
80) 1,3,5-Trimethylbenzene	13.057	105	444859	20.589	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.622	75	46721	19.406	ug/l	97
82) 4-Chlorotoluene	13.104	91	348790	19.745	ug/l	95
83) tert-Butylbenzene	13.322	119	398503	19.447	ug/l	98
84) 1,2,4-Trimethylbenzene	13.363	105	428566	20.149	ug/l	99
85) sec-Butylbenzene	13.498	105	524428	19.422	ug/l	99
86) p-Isopropyltoluene	13.610	119	418872	18.897	ug/l	99
87) 1,3-Dichlorobenzene	13.610	146	212252	18.365	ug/l	97
88) 1,4-Dichlorobenzene	13.692	146	203835	18.001	ug/l	97
89) n-Butylbenzene	13.939	91	289764	16.023	ug/l	97
90) Hexachloroethane	14.204	117	78091	19.727	ug/l	92
91) 1,2-Dichlorobenzene	13.986	146	210963	19.438	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.598	75	28920	21.061	ug/l	90
93) 1,2,4-Trichlorobenzene	15.257	180	84831	15.349	ug/l	98
94) Hexachlorobutadiene	15.363	225	58384	14.752	ug/l	99
95) Naphthalene	15.504	128	191256	16.612	ug/l	99
96) 1,2,3-Trichlorobenzene	15.698	180	81493	16.278	ug/l	98

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

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