

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052022\
 Data File : VN072572.D
 Acq On : 20 May 2022 13:11
 Operator : JC\MD
 Sample : VN0520WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0520WBSD01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 05/23/2022
 Supervised By :Semsettin Yesilyurt 05/23/2022

Quant Time: May 21 01:31:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051822W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 19 02:22:47 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	194083	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	296658	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	276486	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	120568	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	149692	49.641	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	99.280%		
35) Dibromofluoromethane	8.016	113	105313	52.613	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	105.220%		
50) Toluene-d8	10.439	98	382573	50.493	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	100.980%		
62) 4-Bromofluorobenzene	12.727	95	134553	46.751	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	93.500%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.069	85	41557	18.704	ug/l	99
3) Chloromethane	2.299	50	39623	19.727	ug/l	96
4) Vinyl Chloride	2.440	62	32055	19.554	ug/l	99
5) Bromomethane	2.828	94	23224	15.093	ug/l	99
6) Chloroethane	3.004	64	20803	14.539	ug/l	93
7) Trichlorofluoromethane	3.369	101	69656	18.409	ug/l	94
8) Diethyl Ether	3.828	74	20945	18.640	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.210	101	31448	17.455	ug/l	89
10) Methyl Iodide	4.428	142	43223	18.782	ug/l #	79
11) Tert butyl alcohol	5.375	59	43570	157.949	ug/l	98
12) 1,1-Dichloroethene	4.181	96	30195	19.065	ug/l	94
13) Acrolein	4.034	56	27506	71.863	ug/l	94
14) Allyl chloride	4.840	41	49864	18.510	ug/l	92
15) Acrylonitrile	5.551	53	108991	102.313	ug/l	100
16) Acetone	4.287	43	88332	96.635	ug/l	95
17) Carbon Disulfide	4.528	76	71499	17.433	ug/l	98
18) Methyl Acetate	4.851	43	47078	18.754	ug/l	94
19) Methyl tert-butyl Ether	5.604	73	140835	21.533	ug/l	94
20) Methylene Chloride	5.093	84	38999	17.971	ug/l	94
21) trans-1,2-Dichloroethene	5.598	96	35475	19.987	ug/l	97
22) Diisopropyl ether	6.492	45	130353	21.975	ug/l	97
23) Vinyl Acetate	6.428	43	558235	108.845	ug/l	98
24) 1,1-Dichloroethane	6.381	63	74683	20.701	ug/l	97
25) 2-Butanone	7.328	43	152647	106.207	ug/l	97
26) 2,2-Dichloropropane	7.316	77	68426	20.446	ug/l	95
27) cis-1,2-Dichloroethene	7.328	96	46116	21.098	ug/l	95
28) Bromochloromethane	7.657	49	29512	20.012	ug/l	97
29) Tetrahydrofuran	7.681	42	96695	111.173	ug/l	97
30) Chloroform	7.816	83	83618	20.252	ug/l	95
31) Cyclohexane	8.092	56	64331	19.193	ug/l	94
32) 1,1,1-Trichloroethane	8.010	97	78781	20.678	ug/l	97
36) 1,1-Dichloropropene	8.216	75	56601	20.771	ug/l	99
37) Ethyl Acetate	7.404	43	62479	20.864	ug/l	98
38) Carbon Tetrachloride	8.204	117	70087	20.780	ug/l	98
39) Methylcyclohexane	9.457	83	63490	19.963	ug/l	94
40) Benzene	8.457	78	164783	20.695	ug/l	100

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.639	41	31682	22.054	ug/l #	90
42) 1,2-Dichloroethane	8.528	62	75461	20.423	ug/l	94
43) Isopropyl Acetate	8.557	43	96115	19.959	ug/l	100
44) Trichloroethene	9.210	130	44339	20.483	ug/l	100
45) 1,2-Dichloropropane	9.486	63	42537	21.732	ug/l	97
46) Dibromomethane	9.575	93	32293	21.824	ug/l	96
47) Bromodichloromethane	9.757	83	67578	21.914	ug/l	93
48) Methyl methacrylate	9.557	41	44638	19.468	ug/l #	92
49) 1,4-Dioxane	9.569	88	16811	842.183	ug/l #	95
51) 4-Methyl-2-Pentanone	10.327	43	307977	96.922	ug/l	96
52) Toluene	10.504	92	109332	21.177	ug/l	98
53) t-1,3-Dichloropropene	10.710	75	69909	21.112	ug/l	97
54) cis-1,3-Dichloropropene	10.186	75	72688	22.235	ug/l	92
55) 1,1,2-Trichloroethane	10.892	97	45052	20.080	ug/l	96
56) Ethyl methacrylate	10.757	69	67316	20.036	ug/l	92
57) 1,3-Dichloropropane	11.039	76	77578	20.507	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.039	63	73432	89.522	ug/l	99
59) 2-Hexanone	11.080	43	217805	98.616	ug/l	94
60) Dibromochloromethane	11.233	129	53127	20.724	ug/l	99
61) 1,2-Dibromoethane	11.345	107	46952	20.179	ug/l	99
64) Tetrachloroethene	10.974	164	44270	23.073	ug/l	93
65) Chlorobenzene	11.763	112	114642	20.235	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.833	131	48099	21.143	ug/l	97
67) Ethyl Benzene	11.839	91	203382	20.739	ug/l	100
68) m/p-Xylenes	11.945	106	162535	43.050	ug/l	94
69) o-Xylene	12.280	106	78110	20.309	ug/l	93
70) Styrene	12.292	104	127057	21.457	ug/l	97
71) Bromoform	12.457	173	39001	22.277	ug/l #	98
73) Isopropylbenzene	12.574	105	207742	20.841	ug/l	99
74) N-amyl acetate	12.386	43	64547	19.440	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.821	83	66419	21.995	ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	52173m	14.325	ug/l	
77) Bromobenzene	12.857	156	50122	19.629	ug/l	98
78) n-propylbenzene	12.916	91	222938	20.449	ug/l	99
79) 2-Chlorotoluene	13.004	91	145365	19.904	ug/l	98
80) 1,3,5-Trimethylbenzene	13.057	105	179290	20.739	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.621	75	18129	20.751	ug/l	89
82) 4-Chlorotoluene	13.098	91	139724	20.538	ug/l	97
83) tert-Butylbenzene	13.321	119	155621	21.195	ug/l	97
84) 1,2,4-Trimethylbenzene	13.363	105	177005	21.346	ug/l	95
85) sec-Butylbenzene	13.498	105	203905	21.384	ug/l	99
86) p-Isopropyltoluene	13.610	119	168837	21.531	ug/l	97
87) 1,3-Dichlorobenzene	13.615	146	87830	21.000	ug/l	98
88) 1,4-Dichlorobenzene	13.692	146	85979	21.135	ug/l	97
89) n-Butylbenzene	13.939	91	120176	20.245	ug/l	97
90) Hexachloroethane	14.204	117	27653	19.711	ug/l	97
91) 1,2-Dichlorobenzene	13.986	146	86094	20.525	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.598	75	12860	20.129	ug/l	86
93) 1,2,4-Trichlorobenzene	15.262	180	35474	19.354	ug/l	98
94) Hexachlorobutadiene	15.368	225	24175	21.001	ug/l	95
95) Naphthalene	15.504	128	100286	18.881	ug/l	98
96) 1,2,3-Trichlorobenzene	15.698	180	36670	19.397	ug/l	97

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

