

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052022\
 Data File : VN072571.D
 Acq On : 20 May 2022 12:35
 Operator : JC\MD
 Sample : VN0520WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0520WBS01

Quant Time: May 21 01:31:22 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	195228	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	289822	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	278137	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	123599	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	149071	49.145	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	98.280%		
35) Dibromofluoromethane	8.016	113	104401	53.388	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	106.780%		
50) Toluene-d8	10.439	98	386786	52.254	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	104.500%		
62) 4-Bromofluorobenzene	12.727	95	137103	48.761	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	97.520%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.069	85	42576	19.051	ug/l	95
3) Chloromethane	2.299	50	36564	18.097	ug/l	93
4) Vinyl Chloride	2.440	62	34289	20.794	ug/l	93
5) Bromomethane	2.834	94	25139	16.242	ug/l	93
6) Chloroethane	2.999	64	22397	15.628	ug/l	98
7) Trichlorofluoromethane	3.369	101	71728	18.846	ug/l	95
8) Diethyl Ether	3.828	74	19997	17.692	ug/l	85
9) 1,1,2-Trichlorotrifluo...	4.216	101	33989	18.755	ug/l	94
10) Methyl Iodide	4.422	142	47185	20.384	ug/l	# 85
11) Tert butyl alcohol	5.363	59	38918	140.257	ug/l	98
12) 1,1-Dichloroethene	4.181	96	29034	18.225	ug/l	83
13) Acrolein	4.034	56	27831	72.285	ug/l	99
14) Allyl chloride	4.845	41	56740	20.939	ug/l	91
15) Acrylonitrile	5.551	53	106076	98.993	ug/l	97
16) Acetone	4.281	43	88856	96.638	ug/l	# 86
17) Carbon Disulfide	4.534	76	85296	20.674	ug/l	97
18) Methyl Acetate	4.851	43	50382	19.934	ug/l	99
19) Methyl tert-butyl Ether	5.604	73	140669	21.381	ug/l	94
20) Methylene Chloride	5.087	84	42612	19.520	ug/l	97
21) trans-1,2-Dichloroethene	5.593	96	37302	20.893	ug/l	93
22) Diisopropyl ether	6.492	45	126207	21.151	ug/l	96
23) Vinyl Acetate	6.428	43	541170	104.899	ug/l	96
24) 1,1-Dichloroethane	6.392	63	75148	20.708	ug/l	98
25) 2-Butanone	7.334	43	142034	98.244	ug/l	91
26) 2,2-Dichloropropane	7.316	77	70879	21.054	ug/l	97
27) cis-1,2-Dichloroethene	7.322	96	43361	19.721	ug/l	90
28) Bromochloromethane	7.657	49	29696	20.018	ug/l	95
29) Tetrahydrofuran	7.686	42	92585	105.823	ug/l	97
30) Chloroform	7.816	83	85122	20.496	ug/l	100
31) Cyclohexane	8.092	56	64864	19.238	ug/l	98
32) 1,1,1-Trichloroethane	8.016	97	80522	21.011	ug/l	96
36) 1,1-Dichloropropene	8.216	75	57102	21.449	ug/l	98
37) Ethyl Acetate	7.404	43	61307	20.956	ug/l	98
38) Carbon Tetrachloride	8.204	117	70135	21.285	ug/l	98
39) Methylcyclohexane	9.457	83	67847	21.837	ug/l	97
40) Benzene	8.457	78	167042	21.474	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.634	41	31112	22.168	ug/l	90
42) 1,2-Dichloroethane	8.528	62	77233	21.396	ug/l	95
43) Isopropyl Acetate	8.557	43	96256	20.460	ug/l	99
44) Trichloroethene	9.216	130	47286	22.359	ug/l	91
45) 1,2-Dichloropropane	9.486	63	41467	21.686	ug/l	99
46) Dibromomethane	9.575	93	31772	21.978	ug/l	95
47) Bromodichloromethane	9.763	83	67707	22.474	ug/l	99
48) Methyl methacrylate	9.557	41	42242	18.858	ug/l #	91
49) 1,4-Dioxane	9.563	88	15122	775.437	ug/l #	92
51) 4-Methyl-2-Pentanone	10.327	43	293466	94.534	ug/l	95
52) Toluene	10.498	92	112349	22.275	ug/l	99
53) t-1,3-Dichloropropene	10.716	75	67160	20.761	ug/l	97
54) cis-1,3-Dichloropropene	10.186	75	69102	21.636	ug/l	94
55) 1,1,2-Trichloroethane	10.892	97	43060	19.644	ug/l	95
56) Ethyl methacrylate	10.757	69	63933	19.478	ug/l	94
57) 1,3-Dichloropropane	11.045	76	71512	19.350	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.039	63	71042	88.651	ug/l	100
59) 2-Hexanone	11.080	43	192451	89.192	ug/l	93
60) Dibromochloromethane	11.233	129	45557	18.190	ug/l	96
61) 1,2-Dibromoethane	11.339	107	41948	18.454	ug/l	98
64) Tetrachloroethene	10.969	164	43302	22.435	ug/l	92
65) Chlorobenzene	11.763	112	117663	20.645	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.839	131	48243	21.080	ug/l	96
67) Ethyl Benzene	11.839	91	208437	21.128	ug/l	97
68) m/p-Xylenes	11.951	106	163190	42.967	ug/l	94
69) o-Xylene	12.274	106	79708	20.601	ug/l	97
70) Styrene	12.292	104	124414	20.886	ug/l	94
71) Bromoform	12.451	173	37432	21.254	ug/l #	100
73) Isopropylbenzene	12.574	105	210475	20.597	ug/l	98
74) N-amyl acetate	12.386	43	59894	17.596	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.821	83	64133	20.718	ug/l	98
76) 1,2,3-Trichloropropane	12.874	75	59396m	15.908	ug/l	
77) Bromobenzene	12.857	156	50765	19.394	ug/l	95
78) n-propylbenzene	12.916	91	224203	20.061	ug/l	99
79) 2-Chlorotoluene	13.004	91	148008	19.769	ug/l	98
80) 1,3,5-Trimethylbenzene	13.057	105	181683	20.501	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.621	75	17172	19.173	ug/l	86
82) 4-Chlorotoluene	13.104	91	139870	20.055	ug/l	98
83) tert-Butylbenzene	13.321	119	158599	21.071	ug/l	96
84) 1,2,4-Trimethylbenzene	13.363	105	177577	20.889	ug/l	95
85) sec-Butylbenzene	13.498	105	202187	20.684	ug/l	99
86) p-Isopropyltoluene	13.610	119	170226	21.176	ug/l	96
87) 1,3-Dichlorobenzene	13.610	146	87055	20.305	ug/l	99
88) 1,4-Dichlorobenzene	13.692	146	84546	20.273	ug/l	96
89) n-Butylbenzene	13.939	91	116052	19.071	ug/l	98
90) Hexachloroethane	14.204	117	29846	20.752	ug/l	96
91) 1,2-Dichlorobenzene	13.986	146	85360	19.851	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.598	75	13187	20.135	ug/l	86
93) 1,2,4-Trichlorobenzene	15.257	180	34316	18.263	ug/l	97
94) Hexachlorobutadiene	15.362	225	22962	19.458	ug/l	98
95) Naphthalene	15.504	128	84818	15.578	ug/l	99
96) 1,2,3-Trichlorobenzene	15.698	180	34532	17.818	ug/l	99

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

