

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081922\
 Data File : VN074027.D
 Acq On : 19 Aug 2022 15:24
 Operator : JC\MD
 Sample : VN0819WBS02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0819WBS02

Quant Time: Aug 20 03:03:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081522W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 16 00:45:21 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 08/22/2022
 Supervised By : Mahesh Dadoda 08/22/2022

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	493283	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	760114	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	683833	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	325161	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	293189	61.023	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 122.040%			
35) Dibromofluoromethane	7.951	113	257832	57.357	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 114.720%			
50) Toluene-d8	10.380	98	967940	55.598	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 111.200%			
62) 4-Bromofluorobenzene	12.669	95	315968	54.685	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 109.380%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.046	85	87197	22.293	ug/l	97
3) Chloromethane	2.269	50	106340	24.449	ug/l	97
4) Vinyl Chloride	2.404	62	121860	21.824	ug/l	97
5) Bromomethane	2.804	94	63120	18.102	ug/l	98
6) Chloroethane	2.963	64	77230	19.578	ug/l	97
7) Trichlorofluoromethane	3.316	101	173293	24.059	ug/l	97
8) Diethyl Ether	3.763	74	59376	22.206	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.140	101	89508	21.391	ug/l	95
10) Methyl Iodide	4.351	142	83245	16.571	ug/l	98
11) Tert butyl alcohol	5.293	59	132685	123.462	ug/l	100
12) 1,1-Dichloroethene	4.110	96	84316	21.657	ug/l	92
13) Acrolein	3.975	56	86072	114.420	ug/l	100
14) Allyl chloride	4.757	41	133508	23.155	ug/l	96
15) Acrylonitrile	5.475	53	338002	128.821	ug/l	99
16) Acetone	4.222	43	293105	129.307	ug/l	98
17) Carbon Disulfide	4.457	76	186635	20.162	ug/l	97
18) Methyl Acetate	4.781	43	165213	28.046	ug/l	99
19) Methyl tert-butyl Ether	5.534	73	319268	22.770	ug/l	98
20) Methylene Chloride	5.010	84	106743	22.316	ug/l	97
21) trans-1,2-Dichloroethene	5.516	96	91102	21.240	ug/l	95
22) Diisopropyl ether	6.410	45	302214	24.721	ug/l	97
23) Vinyl Acetate	6.351	43	1263042	120.563	ug/l	100
24) 1,1-Dichloroethane	6.304	63	175892	23.115	ug/l	99
25) 2-Butanone	7.263	43	471209	131.105	ug/l	99
26) 2,2-Dichloropropane	7.251	77	136987	19.161	ug/l	100
27) cis-1,2-Dichloroethene	7.245	96	113117	21.375	ug/l	97
28) Bromochloromethane	7.586	49	64279	22.903	ug/l	95
29) Tetrahydrofuran	7.610	42	306992	133.153	ug/l	99
30) Chloroform	7.745	83	192285	22.598	ug/l	99
31) Cyclohexane	8.022	56	148423	22.160	ug/l	96
32) 1,1,1-Trichloroethane	7.945	97	163553	21.675	ug/l	98
36) 1,1-Dichloropropene	8.151	75	126001	20.180	ug/l	98
37) Ethyl Acetate	7.339	43	171362	22.654	ug/l	99
38) Carbon Tetrachloride	8.134	117	141540	19.833	ug/l	97
39) Methylcyclohexane	9.398	83	150956	19.295	ug/l	96
40) Benzene	8.392	78	417218	21.172	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.563	41	78581	22.988	ug/l	99
42) 1,2-Dichloroethane	8.463	62	144294	21.295	ug/l	99
43) Isopropyl Acetate	8.498	43	243590	22.605	ug/l	99
44) Trichloroethene	9.151	130	112566	19.777	ug/l	98
45) 1,2-Dichloropropane	9.428	63	106106	22.464	ug/l	97
46) Dibromomethane	9.510	93	77222	21.504	ug/l	96
47) Bromodichloromethane	9.698	83	143647	20.929	ug/l	98
48) Methyl methacrylate	9.498	41	107688	23.355	ug/l	92
49) 1,4-Dioxane	9.510	88	62602	456.560	ug/l	94
51) 4-Methyl-2-Pentanone	10.275	43	884009	121.337	ug/l	100
52) Toluene	10.445	92	260891	19.307	ug/l	98
53) t-1,3-Dichloropropene	10.657	75	146119	20.288	ug/l	99
54) cis-1,3-Dichloropropene	10.128	75	161260	20.463	ug/l	98
55) 1,1,2-Trichloroethane	10.839	97	114062	21.700	ug/l	99
56) Ethyl methacrylate	10.704	69	172317	22.985	ug/l	96
57) 1,3-Dichloropropane	10.986	76	188446	22.049	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.980	63	403913	115.438	ug/l	99
59) 2-Hexanone	11.027	43	684563	122.090	ug/l	100
60) Dibromochloromethane	11.180	129	119941	20.634	ug/l	100
61) 1,2-Dibromoethane	11.286	107	117089	20.826	ug/l	100
64) Tetrachloroethene	10.916	164	103815	19.234	ug/l	97
65) Chlorobenzene	11.710	112	290327	19.977	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.780	131	112017	20.354	ug/l	99
67) Ethyl Benzene	11.786	91	481881	19.938	ug/l	98
68) m/p-Xylenes	11.892	106	387509	39.460	ug/l	98
69) o-Xylene	12.221	106	191091	19.405	ug/l	100
70) Styrene	12.233	104	311601	20.211	ug/l	98
71) Bromoform	12.398	173	94357	19.204	ug/l	99
73) Isopropylbenzene	12.521	105	491174	20.745	ug/l	99
74) N-amyl acetate	12.327	43	195117	21.799	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.769	83	177397	22.327	ug/l	99
76) 1,2,3-Trichloropropane	12.821	75	133071m	19.690	ug/l	
77) Bromobenzene	12.798	156	128773	20.093	ug/l	96
78) n-propylbenzene	12.863	91	536693	21.265	ug/l	99
79) 2-Chlorotoluene	12.945	91	340862	21.672	ug/l	99
80) 1,3,5-Trimethylbenzene	12.998	105	410943	21.338	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.569	75	48368	20.355	ug/l	97
82) 4-Chlorotoluene	13.045	91	318951	21.351	ug/l	97
83) tert-Butylbenzene	13.263	119	363676	20.521	ug/l	99
84) 1,2,4-Trimethylbenzene	13.310	105	412418	21.444	ug/l	99
85) sec-Butylbenzene	13.439	105	493793	21.495	ug/l	98
86) p-Isopropyltoluene	13.557	119	414466	21.178	ug/l	99
87) 1,3-Dichlorobenzene	13.551	146	223184	20.081	ug/l	98
88) 1,4-Dichlorobenzene	13.633	146	221714	19.684	ug/l	98
89) n-Butylbenzene	13.880	91	309358	19.957	ug/l	99
90) Hexachloroethane	14.151	117	75013	20.969	ug/l	92
91) 1,2-Dichlorobenzene	13.927	146	236476	20.604	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.539	75	40742	21.717	ug/l	92
93) 1,2,4-Trichlorobenzene	15.198	180	135385	19.381	ug/l	98
94) Hexachlorobutadiene	15.304	225	71003	19.283	ug/l	98
95) Naphthalene	15.433	128	468875	20.589	ug/l	100
96) 1,2,3-Trichlorobenzene	15.627	180	144896	20.068	ug/l	99

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

