

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082422\
 Data File : VN074086.D
 Acq On : 24 Aug 2022 12:55
 Operator : JC\MD
 Sample : VN0824WBS02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0824WBS02

Quant Time: Aug 25 07:53:27 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 08/25/2022
 Supervised By :Mahesh Dadoda 08/25/2022

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	460522	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	716839	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	635313	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	308631	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	258174	57.558	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 115.120%			
35) Dibromofluoromethane	7.951	113	230398	54.348	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 108.700%			
50) Toluene-d8	10.380	98	845980	51.526	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.060%			
62) 4-Bromofluorobenzene	12.668	95	283625	52.051	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 104.100%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.046	85	92985	25.464	ug/l	100
3) Chloromethane	2.269	50	99720	24.558	ug/l	97
4) Vinyl Chloride	2.404	62	121799	23.365	ug/l	97
5) Bromomethane	2.804	94	71170	21.863	ug/l	98
6) Chloroethane	2.969	64	78658	21.359	ug/l	96
7) Trichlorofluoromethane	3.310	101	146392	21.770	ug/l	99
8) Diethyl Ether	3.769	74	59419	23.803	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.140	101	87543	22.410	ug/l	96
10) Methyl Iodide	4.351	142	94922	20.240	ug/l	98
11) Tert butyl alcohol	5.292	59	120784	120.383	ug/l	99
12) 1,1-Dichloroethene	4.116	96	82985	22.832	ug/l	98
13) Acrolein	3.981	56	55411	78.901	ug/l	96
14) Allyl chloride	4.757	41	135968	25.259	ug/l	94
15) Acrylonitrile	5.475	53	342119	139.666	ug/l	99
16) Acetone	4.222	43	275042	129.971	ug/l	97
17) Carbon Disulfide	4.457	76	210437	24.350	ug/l	99
18) Methyl Acetate	4.775	43	151216	27.443	ug/l	100
19) Methyl tert-butyl Ether	5.534	73	297893	22.757	ug/l	98
20) Methylene Chloride	5.016	84	104939	23.500	ug/l	98
21) trans-1,2-Dichloroethene	5.516	96	93403	23.326	ug/l	94
22) Diisopropyl ether	6.410	45	291648	25.554	ug/l	99
23) Vinyl Acetate	6.351	43	1233666	126.136	ug/l	100
24) 1,1-Dichloroethane	6.304	63	178192	25.083	ug/l	98
25) 2-Butanone	7.257	43	454991	135.598	ug/l	100
26) 2,2-Dichloropropane	7.245	77	117293	17.573	ug/l	96
27) cis-1,2-Dichloroethene	7.251	96	111602	22.589	ug/l	95
28) Bromochloromethane	7.586	49	67641	25.815	ug/l	97
29) Tetrahydrofuran	7.610	42	297588	138.256	ug/l	98
30) Chloroform	7.745	83	186613	23.492	ug/l	99
31) Cyclohexane	8.022	56	154924	24.776	ug/l	96
32) 1,1,1-Trichloroethane	7.945	97	154988	22.001	ug/l	99
36) 1,1-Dichloropropene	8.151	75	127764	21.698	ug/l	99
37) Ethyl Acetate	7.339	43	175761	24.639	ug/l	98
38) Carbon Tetrachloride	8.133	117	133501	19.835	ug/l	98
39) Methylcyclohexane	9.392	83	152762	20.705	ug/l	98
40) Benzene	8.386	78	420324	22.617	ug/l	98

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41) Methacrylonitrile	7.569	41	79013	24.510	ug/l	94
42) 1,2-Dichloroethane	8.463	62	138966	21.747	ug/l	98
43) Isopropyl Acetate	8.492	43	224124	22.054	ug/l	97
44) Trichloroethene	9.151	130	106885	19.913	ug/l	99
45) 1,2-Dichloropropane	9.428	63	102480	23.006	ug/l	98
46) Dibromomethane	9.516	93	72697	21.466	ug/l	96
47) Bromodichloromethane	9.698	83	142289	21.982	ug/l	100
48) Methyl methacrylate	9.498	41	100853	23.193	ug/l	93
49) 1,4-Dioxane	9.504	88	59086	456.932	ug/l	97
51) 4-Methyl-2-Pentanone	10.269	43	846272	123.170	ug/l	100
52) Toluene	10.445	92	260275	20.424	ug/l	98
53) t-1,3-Dichloropropene	10.657	75	134404	19.788	ug/l	97
54) cis-1,3-Dichloropropene	10.127	75	153650	20.675	ug/l	96
55) 1,1,2-Trichloroethane	10.839	97	108175	21.822	ug/l	99
56) Ethyl methacrylate	10.704	69	159540	22.565	ug/l	96
57) 1,3-Dichloropropane	10.986	76	183150	22.723	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.980	63	353613	107.163	ug/l	100
59) 2-Hexanone	11.027	43	658457	124.524	ug/l	99
60) Dibromochloromethane	11.174	129	113439	20.693	ug/l	99
61) 1,2-Dibromoethane	11.286	107	113694	21.443	ug/l	100
64) Tetrachloroethene	10.916	164	94252	18.796	ug/l	98
65) Chlorobenzene	11.710	112	281631	20.858	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.780	131	104765	20.491	ug/l	99
67) Ethyl Benzene	11.786	91	476664	21.228	ug/l	100
68) m/p-Xylenes	11.892	106	383230	42.005	ug/l	99
69) o-Xylene	12.221	106	186632	20.399	ug/l	99
70) Styrene	12.233	104	307139	21.443	ug/l	98
71) Bromoform	12.398	173	89966	19.708	ug/l #	97
73) Isopropylbenzene	12.521	105	470599	20.940	ug/l	99
74) N-amyl acetate	12.327	43	177897	20.939	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.768	83	175788	23.309	ug/l	100
76) 1,2,3-Trichloropropane	12.821	75	146932m	22.905	ug/l	
77) Bromobenzene	12.798	156	123271	20.265	ug/l	98
78) n-propylbenzene	12.863	91	528493	22.061	ug/l	100
79) 2-Chlorotoluene	12.945	91	328095	21.978	ug/l	98
80) 1,3,5-Trimethylbenzene	12.998	105	397741	21.759	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.563	75	46701	20.706	ug/l	99
82) 4-Chlorotoluene	13.045	91	309528	21.830	ug/l	97
83) tert-Butylbenzene	13.263	119	350098	20.813	ug/l	99
84) 1,2,4-Trimethylbenzene	13.310	105	400942	21.964	ug/l	99
85) sec-Butylbenzene	13.439	105	476109	21.835	ug/l	99
86) p-Isopropyltoluene	13.557	119	398816	21.470	ug/l	98
87) 1,3-Dichlorobenzene	13.551	146	214220	20.307	ug/l	99
88) 1,4-Dichlorobenzene	13.633	146	213907	20.008	ug/l	99
89) n-Butylbenzene	13.880	91	293547	19.951	ug/l	99
90) Hexachloroethane	14.151	117	71140	20.952	ug/l	94
91) 1,2-Dichlorobenzene	13.927	146	225638	20.713	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.539	75	37800	21.228	ug/l	95
93) 1,2,4-Trichlorobenzene	15.198	180	124141	18.724	ug/l	99
94) Hexachlorobutadiene	15.298	225	67987	19.453	ug/l	97
95) Naphthalene	15.433	128	429967	19.892	ug/l	100
96) 1,2,3-Trichlorobenzene	15.627	180	133831	19.529	ug/l	99

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

