

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082422\
 Data File : VN074095.D
 Acq On : 24 Aug 2022 16:40
 Operator : JC\MD
 Sample : VN0824WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0824WBSD01

Quant Time: Aug 25 07:55:01 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	459878	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	724081	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	651229	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	316537	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	249889	55.789	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 111.580%			
35) Dibromofluoromethane	7.951	113	223461	52.184	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.360%			
50) Toluene-d8	10.380	98	811903	48.956	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 97.920%			
62) 4-Bromofluorobenzene	12.674	95	279068	50.702	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 101.400%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.046	85	87561	24.012	ug/l	96
3) Chloromethane	2.269	50	82866	20.436	ug/l	99
4) Vinyl Chloride	2.404	62	111929	21.502	ug/l	94
5) Bromomethane	2.798	94	45232	13.914	ug/l	97
6) Chloroethane	2.963	64	81259	22.096	ug/l	95
7) Trichlorofluoromethane	3.310	101	157096	23.394	ug/l	98
8) Diethyl Ether	3.769	74	55884	22.419	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.134	101	84737	21.722	ug/l	95
10) Methyl Iodide	4.345	142	29486	6.296	ug/l	98
11) Tert butyl alcohol	5.292	59	123162	122.925	ug/l	99
12) 1,1-Dichloroethene	4.110	96	81712	22.513	ug/l	94
13) Acrolein	3.987	56	58381	83.246	ug/l	100
14) Allyl chloride	4.757	41	127428	23.706	ug/l	95
15) Acrylonitrile	5.481	53	333801	136.461	ug/l	99
16) Acetone	4.222	43	275459	130.350	ug/l	96
17) Carbon Disulfide	4.457	76	206812	23.964	ug/l	98
18) Methyl Acetate	4.775	43	149540	27.151	ug/l	99
19) Methyl tert-butyl Ether	5.534	73	287273	21.976	ug/l	99
20) Methylene Chloride	5.010	84	103001	23.098	ug/l	98
21) trans-1,2-Dichloroethene	5.516	96	89654	22.421	ug/l	96
22) Diisopropyl ether	6.416	45	283181	24.847	ug/l	97
23) Vinyl Acetate	6.351	43	1202049	123.075	ug/l	99
24) 1,1-Dichloroethane	6.304	63	172085	24.257	ug/l	98
25) 2-Butanone	7.263	43	455658	135.987	ug/l	100
26) 2,2-Dichloropropane	7.251	77	116410	17.466	ug/l	97
27) cis-1,2-Dichloroethene	7.245	96	109798	22.255	ug/l	95
28) Bromochloromethane	7.586	49	65006	24.844	ug/l	98
29) Tetrahydrofuran	7.610	42	297633	138.471	ug/l	100
30) Chloroform	7.751	83	181054	22.824	ug/l	99
31) Cyclohexane	8.022	56	148607	23.799	ug/l	98
32) 1,1,1-Trichloroethane	7.945	97	151091	21.478	ug/l	98
36) 1,1-Dichloropropene	8.151	75	124557	20.942	ug/l	99
37) Ethyl Acetate	7.339	43	172145	23.890	ug/l	99
38) Carbon Tetrachloride	8.133	117	128758	18.939	ug/l	97
39) Methylcyclohexane	9.398	83	144824	19.433	ug/l	97
40) Benzene	8.392	78	405941	21.625	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.563	41	77458	23.787	ug/l	98
42) 1,2-Dichloroethane	8.463	62	134239	20.797	ug/l	98
43) Isopropyl Acetate	8.498	43	218534	21.289	ug/l	98
44) Trichloroethene	9.151	130	102169	18.844	ug/l	96
45) 1,2-Dichloropropane	9.427	63	102601	22.803	ug/l	98
46) Dibromomethane	9.516	93	73375	21.449	ug/l	96
47) Bromodichloromethane	9.704	83	138184	21.134	ug/l	98
48) Methyl methacrylate	9.498	41	98755	22.484	ug/l	92
49) 1,4-Dioxane	9.504	88	62672	479.816	ug/l	97
51) 4-Methyl-2-Pentanone	10.269	43	841220	121.210	ug/l	100
52) Toluene	10.445	92	255754	19.869	ug/l	100
53) t-1,3-Dichloropropene	10.657	75	129683	18.902	ug/l	97
54) cis-1,3-Dichloropropene	10.127	75	149974	19.978	ug/l	96
55) 1,1,2-Trichloroethane	10.839	97	108267	21.622	ug/l	95
56) Ethyl methacrylate	10.704	69	157727	22.085	ug/l	95
57) 1,3-Dichloropropane	10.986	76	178141	21.881	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.980	63	353311	106.001	ug/l	100
59) 2-Hexanone	11.027	43	657536	123.106	ug/l	99
60) Dibromochloromethane	11.180	129	110933	20.034	ug/l	100
61) 1,2-Dibromoethane	11.286	107	108465	20.253	ug/l	99
64) Tetrachloroethene	10.916	164	90407	17.589	ug/l	95
65) Chlorobenzene	11.710	112	273163	19.737	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.780	131	101670	19.399	ug/l	99
67) Ethyl Benzene	11.786	91	461103	20.033	ug/l	99
68) m/p-Xylenes	11.892	106	369637	39.525	ug/l	99
69) o-Xylene	12.221	106	180973	19.297	ug/l	98
70) Styrene	12.233	104	298817	20.352	ug/l	99
71) Bromoform	12.398	173	89868	19.206	ug/l #	98
73) Isopropylbenzene	12.521	105	459128	19.919	ug/l	99
74) N-amyl acetate	12.327	43	183228	21.028	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.768	83	175945	22.747	ug/l	100
76) 1,2,3-Trichloropropane	12.821	75	126356m	19.205	ug/l	
77) Bromobenzene	12.798	156	123005	19.716	ug/l	97
78) n-propylbenzene	12.863	91	515658	20.988	ug/l	99
79) 2-Chlorotoluene	12.945	91	323477	21.127	ug/l	98
80) 1,3,5-Trimethylbenzene	12.998	105	389165	20.758	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.568	75	45243	19.559	ug/l	97
82) 4-Chlorotoluene	13.045	91	308676	21.226	ug/l	98
83) tert-Butylbenzene	13.262	119	340382	19.730	ug/l	99
84) 1,2,4-Trimethylbenzene	13.310	105	394073	21.049	ug/l	99
85) sec-Butylbenzene	13.439	105	470960	21.060	ug/l	100
86) p-Isopropyltoluene	13.557	119	389447	20.442	ug/l	99
87) 1,3-Dichlorobenzene	13.551	146	215135	19.884	ug/l	98
88) 1,4-Dichlorobenzene	13.633	146	207567	18.930	ug/l	98
89) n-Butylbenzene	13.880	91	292171	19.362	ug/l	99
90) Hexachloroethane	14.151	117	69746	20.028	ug/l	94
91) 1,2-Dichlorobenzene	13.927	146	220702	19.754	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.539	75	37038	20.281	ug/l	90
93) 1,2,4-Trichlorobenzene	15.198	180	121692	17.896	ug/l	98
94) Hexachlorobutadiene	15.304	225	65034	18.143	ug/l	99
95) Naphthalene	15.433	128	427527	19.285	ug/l	99
96) 1,2,3-Trichlorobenzene	15.627	180	133137	18.942	ug/l	98

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

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