

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081922\
 Data File : VN074028.D
 Acq On : 19 Aug 2022 15:48
 Operator : JC\MD
 Sample : VN0819WBSD02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0819WBSD02

Manual Integrations
 APPROVED

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

Quant Time: Aug 20 03:04:21 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

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	476682	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	729228	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	656037	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	314676	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.375	65	283734	61.112	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 122.220%			
35) Dibromofluoromethane	7.951	113	247795	57.459	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 114.920%			
50) Toluene-d8	10.380	98	918856	55.014	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 110.020%			
62) 4-Bromofluorobenzene	12.674	95	309629	55.858	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 111.720%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.046	85	81957	21.683	ug/l	94
3) Chloromethane	2.269	50	103376	24.595	ug/l	99
4) Vinyl Chloride	2.404	62	113880	21.105	ug/l	98
5) Bromomethane	2.804	94	62704	18.609	ug/l	99
6) Chloroethane	2.963	64	75374	19.773	ug/l	99
7) Trichlorofluoromethane	3.316	101	162211	23.304	ug/l	96
8) Diethyl Ether	3.769	74	60341	23.353	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.140	101	84602	20.923	ug/l	97
10) Methyl Iodide	4.351	142	80748	16.634	ug/l	96
11) Tert butyl alcohol	5.292	59	137657	132.549	ug/l	100
12) 1,1-Dichloroethene	4.110	96	79025	21.005	ug/l	90
13) Acrolein	3.981	56	85134	117.114	ug/l	96
14) Allyl chloride	4.763	41	126785	22.755	ug/l	98
15) Acrylonitrile	5.475	53	335150	132.183	ug/l	100
16) Acetone	4.222	43	286960	131.005	ug/l	95
17) Carbon Disulfide	4.463	76	177845	19.881	ug/l	98
18) Methyl Acetate	4.775	43	162704	28.633	ug/l	99
19) Methyl tert-butyl Ether	5.540	73	310864	22.943	ug/l	96
20) Methylene Chloride	5.010	84	99563	21.540	ug/l	99
21) trans-1,2-Dichloroethene	5.516	96	86778	20.937	ug/l	96
22) Diisopropyl ether	6.416	45	286040	24.213	ug/l	98
23) Vinyl Acetate	6.351	43	1233504	121.844	ug/l	100
24) 1,1-Dichloroethane	6.310	63	169728	23.081	ug/l	98
25) 2-Butanone	7.257	43	458405	131.984	ug/l	100
26) 2,2-Dichloropropane	7.245	77	126174	18.263	ug/l	97
27) cis-1,2-Dichloroethene	7.251	96	110469	21.602	ug/l	95
28) Bromochloromethane	7.581	49	61531	22.687	ug/l	94
29) Tetrahydrofuran	7.610	42	298912	134.163	ug/l	98
30) Chloroform	7.745	83	183365	22.300	ug/l	98
31) Cyclohexane	8.022	56	141498	21.862	ug/l	93
32) 1,1,1-Trichloroethane	7.945	97	157635	21.618	ug/l	97
36) 1,1-Dichloropropene	8.151	75	120540	20.123	ug/l	98
37) Ethyl Acetate	7.339	43	177903	24.515	ug/l	99
38) Carbon Tetrachloride	8.133	117	136694	19.965	ug/l	97
39) Methylcyclohexane	9.398	83	141015	18.788	ug/l	97
40) Benzene	8.392	78	397855	21.044	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.569	41	78881	24.053	ug/l	98
42) 1,2-Dichloroethane	8.463	62	141068	21.701	ug/l	100
43) Isopropyl Acetate	8.498	43	242481	23.455	ug/l	98
44) Trichloroethene	9.151	130	104217	19.086	ug/l	98
45) 1,2-Dichloropropane	9.427	63	100816	22.248	ug/l	96
46) Dibromomethane	9.516	93	73581	21.358	ug/l	95
47) Bromodichloromethane	9.704	83	140591	21.351	ug/l	97
48) Methyl methacrylate	9.498	41	105317	23.809	ug/l	93
49) 1,4-Dioxane	9.504	88	65280	496.255	ug/l	94
51) 4-Methyl-2-Pentanone	10.275	43	865617	123.845	ug/l	99
52) Toluene	10.445	92	249720	19.263	ug/l	99
53) t-1,3-Dichloropropene	10.663	75	138954	20.110	ug/l	99
54) cis-1,3-Dichloropropene	10.127	75	155208	20.530	ug/l	98
55) 1,1,2-Trichloroethane	10.839	97	109713	21.756	ug/l	97
56) Ethyl methacrylate	10.704	69	164719	22.902	ug/l	97
57) 1,3-Dichloropropane	10.986	76	182535	22.262	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.980	63	392628	116.965	ug/l	99
59) 2-Hexanone	11.027	43	680026	126.418	ug/l	100
60) Dibromochloromethane	11.180	129	115286	20.673	ug/l	100
61) 1,2-Dibromoethane	11.286	107	115080	21.336	ug/l	99
64) Tetrachloroethene	10.916	164	94881	18.324	ug/l	97
65) Chlorobenzene	11.710	112	274542	19.691	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.780	131	107637	20.387	ug/l	98
67) Ethyl Benzene	11.786	91	465647	20.082	ug/l	99
68) m/p-Xylenes	11.892	106	369933	39.267	ug/l	100
69) o-Xylene	12.221	106	185138	19.597	ug/l	98
70) Styrene	12.233	104	300944	20.347	ug/l	98
71) Bromoform	12.398	173	93944	19.930	ug/l #	99
73) Isopropylbenzene	12.521	105	473782	20.677	ug/l	100
74) N-amyl acetate	12.327	43	191951	22.159	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.768	83	175055	22.766	ug/l	100
76) 1,2,3-Trichloropropane	12.821	75	155665m	23.800	ug/l	
77) Bromobenzene	12.798	156	125865	20.293	ug/l	95
78) n-propylbenzene	12.863	91	510762	20.911	ug/l	99
79) 2-Chlorotoluene	12.945	91	323095	21.227	ug/l	98
80) 1,3,5-Trimethylbenzene	12.998	105	395676	21.230	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.568	75	48335	21.019	ug/l	97
82) 4-Chlorotoluene	13.045	91	311270	21.531	ug/l	98
83) tert-Butylbenzene	13.263	119	352047	20.527	ug/l	99
84) 1,2,4-Trimethylbenzene	13.310	105	398363	21.404	ug/l	100
85) sec-Butylbenzene	13.439	105	475555	21.391	ug/l	99
86) p-Isopropyltoluene	13.557	119	401404	21.194	ug/l	99
87) 1,3-Dichlorobenzene	13.557	146	218350	20.300	ug/l	99
88) 1,4-Dichlorobenzene	13.633	146	215798	19.797	ug/l	98
89) n-Butylbenzene	13.880	91	289159	19.276	ug/l	99
90) Hexachloroethane	14.151	117	73695	21.287	ug/l	92
91) 1,2-Dichlorobenzene	13.927	146	227789	20.509	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.539	75	41494	22.855	ug/l	92
93) 1,2,4-Trichlorobenzene	15.198	180	128252	18.972	ug/l	98
94) Hexachlorobutadiene	15.304	225	70085	19.668	ug/l	98
95) Naphthalene	15.433	128	470459	21.347	ug/l	99
96) 1,2,3-Trichlorobenzene	15.627	180	142259	20.360	ug/l	99

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

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