

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082622\
 Data File : VN074149.D
 Acq On : 26 Aug 2022 20:43
 Operator : JC\MD
 Sample : N4297-03MSD
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW202D-20220819MSD

Quant Time: Aug 27 00:23:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081522W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 26 06:44:47 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 08/27/2022
 Supervised By :Semsettin Yesilyurt 08/27/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.016	168	439639	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	690333	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	640494	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	324740	50.000	ug/l	0.00

08/27/2022
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 Yesilyurt

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	271083	63.307	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 126.620%#	
35) Dibromofluoromethane	7.951	113	248556	60.882	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 121.760%	
50) Toluene-d8	10.380	98	889101	56.232	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 112.460%	
62) 4-Bromofluorobenzene	12.669	95	321787	61.322	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 122.640%	

08/27/2022

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.046	85	194778	55.874	ug/l	98
3) Chloromethane	2.269	50	175577	45.293	ug/l	98
4) Vinyl Chloride	2.404	62	251604	50.558	ug/l	99
5) Bromomethane	2.781	94	130545	42.007	ug/l	98
6) Chloroethane	2.951	64	169412	48.188	ug/l	98
7) Trichlorofluoromethane	3.304	101	380346	59.247	ug/l	98
8) Diethyl Ether	3.763	74	133403	55.980	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.134	101	191999	51.485	ug/l	95
10) Methyl Iodide	4.346	142	205113	45.813	ug/l	99
11) Tert butyl alcohol	5.298	59	301283	314.547	ug/l	99
12) 1,1-Dichloroethene	4.104	96	189297	54.556	ug/l	96
13) Acrolein	3.975	56	138161	206.075	ug/l	99
14) Allyl chloride	4.757	41	295755	57.554	ug/l	96
15) Acrylonitrile	5.475	53	792595	338.938	ug/l	98
16) Acetone	4.222	43	647909	320.711	ug/l	99
17) Carbon Disulfide	4.451	76	449997	54.544	ug/l	99
18) Methyl Acetate	4.775	43	317962	63.670	ug/l	100
19) Methyl tert-butyl Ether	5.534	73	701386	56.126	ug/l	94
20) Methylene Chloride	5.010	84	234561	55.023	ug/l	98
21) trans-1,2-Dichloroethene	5.510	96	203254	53.170	ug/l	98
22) Diisopropyl ether	6.416	45	667797	61.291	ug/l	98
23) Vinyl Acetate	6.351	43	2682796	287.332	ug/l	99
24) 1,1-Dichloroethane	6.304	63	417952	61.627	ug/l	99
25) 2-Butanone	7.263	43	1064225	332.230	ug/l	98
26) 2,2-Dichloropropane	7.245	77	234575	36.815	ug/l	96
27) cis-1,2-Dichloroethene	7.251	96	285390	60.510	ug/l	91
28) Bromochloromethane	7.586	49	155108	62.009	ug/l	93
29) Tetrahydrofuran	7.610	42	683750	332.752	ug/l	98
30) Chloroform	7.745	83	423554	55.851	ug/l	99
31) Cyclohexane	8.022	56	328342	55.005	ug/l	99
32) 1,1,1-Trichloroethane	7.945	97	362994	53.976	ug/l	97
36) 1,1-Dichloropropene	8.151	75	286710	50.561	ug/l	99
37) Ethyl Acetate	7.339	43	358634	52.204	ug/l	98
38) Carbon Tetrachloride	8.133	117	306523	47.291	ug/l	97
39) Methylcyclohexane	9.392	83	339112	47.727	ug/l	99
40) Benzene	8.392	78	945497	52.829	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.569	41	181673	58.518	ug/l	96
42) 1,2-Dichloroethane	8.463	62	316902	51.497	ug/l	98
43) Isopropyl Acetate	8.498	43	513911	52.512	ug/l	97
44) Trichloroethene	9.151	130	391559	75.748	ug/l	99
45) 1,2-Dichloropropane	9.428	63	239299	55.784	ug/l	100
46) Dibromomethane	9.516	93	170782	52.365	ug/l	96
47) Bromodichloromethane	9.704	83	328752	52.739	ug/l	98
48) Methyl methacrylate	9.498	41	243047	58.040	ug/l	92
49) 1,4-Dioxane	9.504	88	155597	1249.485	ug/l	98
51) 4-Methyl-2-Pentanone	10.275	43	1980708	299.349	ug/l	98
52) Toluene	10.445	92	601854	49.042	ug/l	99
53) t-1,3-Dichloropropene	10.663	75	326741	49.951	ug/l	99
54) cis-1,3-Dichloropropene	10.127	75	351846	49.161	ug/l	95
55) 1,1,2-Trichloroethane	10.839	97	253820	53.169	ug/l	98
56) Ethyl methacrylate	10.704	69	396356	58.212	ug/l	93
57) 1,3-Dichloropropane	10.986	76	427300	55.051	ug/l	100
59) 2-Hexanone	11.027	43	1564036	307.138	ug/l	98
60) Dibromochloromethane	11.180	129	274956	52.083	ug/l	100
61) 1,2-Dibromoethane	11.286	107	266992	52.290	ug/l	99
64) Tetrachloroethene	10.916	164	252954	50.038	ug/l	99
65) Chlorobenzene	11.710	112	659114	48.421	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.780	131	252211	48.930	ug/l	99
67) Ethyl Benzene	11.786	91	1149243	50.767	ug/l	99
68) m/p-Xylenes	11.892	106	892889	97.076	ug/l	99
69) o-Xylene	12.221	106	453473	49.164	ug/l	98
70) Styrene	12.233	104	741626	51.358	ug/l	98
71) Bromoform	12.398	173	225312	48.959	ug/l #	99
73) Isopropylbenzene	12.521	105	1167825	49.387	ug/l	100
74) N-amyl acetate	12.327	43	416390	46.580	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.769	83	422030	53.185	ug/l	99
76) 1,2,3-Trichloropropane	12.821	75	350626m	51.947	ug/l	
77) Bromobenzene	12.798	156	304408	47.559	ug/l	95
78) n-propylbenzene	12.857	91	1298348	51.509	ug/l	99
79) 2-Chlorotoluene	12.945	91	792878	50.477	ug/l	99
80) 1,3,5-Trimethylbenzene	12.998	105	970443	50.455	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.569	75	115381	48.619	ug/l	97
82) 4-Chlorotoluene	13.045	91	763362	51.167	ug/l	98
83) tert-Butylbenzene	13.263	119	878093	49.612	ug/l	99
84) 1,2,4-Trimethylbenzene	13.310	105	973280	50.673	ug/l	100
85) sec-Butylbenzene	13.439	105	1189827	51.861	ug/l	99
86) p-Isopropyltoluene	13.557	119	994265	50.870	ug/l	99
87) 1,3-Dichlorobenzene	13.551	146	528174	47.584	ug/l	99
88) 1,4-Dichlorobenzene	13.633	146	524175	46.597	ug/l	99
89) n-Butylbenzene	13.880	91	763397	49.312	ug/l	99
90) Hexachloroethane	14.151	117	179572	50.263	ug/l	94
91) 1,2-Dichlorobenzene	13.927	146	549253	47.918	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.545	75	97207	51.883	ug/l	92
93) 1,2,4-Trichlorobenzene	15.198	180	292739	41.962	ug/l	98
94) Hexachlorobutadiene	15.304	225	162679	44.237	ug/l	98
95) Naphthalene	15.433	128	1123693	49.407	ug/l	100
96) 1,2,3-Trichlorobenzene	15.627	180	337911	46.862	ug/l	99

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

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Yesilyurt

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