

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082422\
 Data File : VN074083.D
 Acq On : 24 Aug 2022 09:48
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Aug 25 07:52:37 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	522351	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	769198	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	711529	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	376136	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	265137	52.114	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.220%			
35) Dibromofluoromethane	7.945	113	241058	52.992	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.980%			
50) Toluene-d8	10.380	98	908587	51.572	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.140%			
62) 4-Bromofluorobenzene	12.669	95	329470	56.349	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 112.700%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.046	85	243258	58.732	ug/l	99
3) Chloromethane	2.269	50	277833	60.322	ug/l	98
4) Vinyl Chloride	2.404	62	295474	49.972	ug/l	99
5) Bromomethane	2.787	94	219270	59.385	ug/l	97
6) Chloroethane	2.957	64	203558	48.732	ug/l	96
7) Trichlorofluoromethane	3.310	101	314251	41.200	ug/l	97
8) Diethyl Ether	3.763	74	153195	54.106	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.140	101	234710	52.972	ug/l	97
10) Methyl Iodide	4.346	142	274482	51.600	ug/l	97
11) Tert butyl alcohol	5.281	59	260717	229.094	ug/l	100
12) 1,1-Dichloroethene	4.104	96	219619	53.272	ug/l	92
13) Acrolein	3.975	56	135608	170.239	ug/l	97
14) Allyl chloride	4.757	41	345667	56.615	ug/l	95
15) Acrylonitrile	5.469	53	835124	300.575	ug/l	99
16) Acetone	4.216	43	627305	261.344	ug/l	97
17) Carbon Disulfide	4.457	76	555936	56.714	ug/l	99
18) Methyl Acetate	4.769	43	357217	60.058	ug/l	99
19) Methyl tert-butyl Ether	5.528	73	756499	50.951	ug/l	100
20) Methylene Chloride	5.004	84	267597	52.832	ug/l	98
21) trans-1,2-Dichloroethene	5.510	96	239972	52.835	ug/l	99
22) Diisopropyl ether	6.404	45	755358	58.350	ug/l	98
23) Vinyl Acetate	6.345	43	3244218	292.442	ug/l	100
24) 1,1-Dichloroethane	6.304	63	448964	55.717	ug/l	99
25) 2-Butanone	7.251	43	1083718	284.745	ug/l	99
26) 2,2-Dichloropropane	7.245	77	349445	46.158	ug/l	99
27) cis-1,2-Dichloroethene	7.245	96	289020	51.576	ug/l	96
28) Bromochloromethane	7.581	49	169928	57.177	ug/l	96
29) Tetrahydrofuran	7.604	42	710193	290.893	ug/l	98
30) Chloroform	7.745	83	474498	52.661	ug/l	100
31) Cyclohexane	8.016	56	403080	56.833	ug/l	99
32) 1,1,1-Trichloroethane	7.939	97	397563	49.755	ug/l	98
36) 1,1-Dichloropropene	8.145	75	345596	54.697	ug/l	99
37) Ethyl Acetate	7.334	43	412770	53.924	ug/l	99
38) Carbon Tetrachloride	8.133	117	351605	48.685	ug/l	97
39) Methylcyclohexane	9.392	83	442396	55.879	ug/l	98
40) Benzene	8.386	78	1089825	54.650	ug/l	99

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41) Methacrylonitrile	7.557	41	200752	58.034	ug/l	93
42) 1,2-Dichloroethane	8.463	62	347580	50.691	ug/l	98
43) Isopropyl Acetate	8.492	43	580017	53.190	ug/l	98
44) Trichloroethene	9.145	130	281407	48.858	ug/l	97
45) 1,2-Dichloropropane	9.422	63	273165	57.150	ug/l	100
46) Dibromomethane	9.510	93	188566	51.890	ug/l	97
47) Bromodichloromethane	9.698	83	368606	53.069	ug/l	98
48) Methyl methacrylate	9.492	41	262694	56.300	ug/l	89
49) 1,4-Dioxane	9.504	88	139934	1008.494	ug/l	96
51) 4-Methyl-2-Pentanone	10.269	43	2099770	284.806	ug/l	98
52) Toluene	10.439	92	694163	50.764	ug/l	100
53) t-1,3-Dichloropropene	10.657	75	380537	52.211	ug/l	100
54) cis-1,3-Dichloropropene	10.127	75	426342	53.463	ug/l	94
55) 1,1,2-Trichloroethane	10.839	97	282696	53.146	ug/l	98
56) Ethyl methacrylate	10.698	69	437288	57.639	ug/l	93
57) 1,3-Dichloropropane	10.986	76	473631	54.763	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.980	63	978508	276.353	ug/l	99
59) 2-Hexanone	11.027	43	1616607	284.913	ug/l	98
60) Dibromochloromethane	11.180	129	303944	51.671	ug/l	100
61) 1,2-Dibromoethane	11.286	107	289302	50.850	ug/l	97
64) Tetrachloroethene	10.916	164	256951	45.754	ug/l	96
65) Chlorobenzene	11.710	112	758834	50.182	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.780	131	280804	49.038	ug/l	99
67) Ethyl Benzene	11.780	91	1345037	53.485	ug/l	98
68) m/p-Xylenes	11.892	106	1064063	104.137	ug/l	99
69) o-Xylene	12.221	106	527079	51.439	ug/l	96
70) Styrene	12.233	104	867551	54.081	ug/l	99
71) Bromoform	12.398	173	246930	48.300	ug/l #	100
73) Isopropylbenzene	12.516	105	1354058	49.438	ug/l	99
74) N-amyl acetate	12.327	43	496025	47.906	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.768	83	456350	49.652	ug/l	100
76) 1,2,3-Trichloropropane	12.821	75	370974m	47.452	ug/l	
77) Bromobenzene	12.798	156	342053	46.139	ug/l	98
78) n-propylbenzene	12.857	91	1563725	53.561	ug/l	99
79) 2-Chlorotoluene	12.945	91	918369	50.477	ug/l	98
80) 1,3,5-Trimethylbenzene	12.998	105	1157147	51.942	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.563	75	138872	50.522	ug/l	96
82) 4-Chlorotoluene	13.045	91	903701	52.297	ug/l	97
83) tert-Butylbenzene	13.263	119	1015567	49.539	ug/l	98
84) 1,2,4-Trimethylbenzene	13.304	105	1152503	51.805	ug/l	99
85) sec-Butylbenzene	13.439	105	1426581	53.684	ug/l	99
86) p-Isopropyltoluene	13.557	119	1229898	54.328	ug/l	99
87) 1,3-Dichlorobenzene	13.551	146	630761	49.061	ug/l	99
88) 1,4-Dichlorobenzene	13.633	146	625996	48.045	ug/l	99
89) n-Butylbenzene	13.880	91	982645	54.801	ug/l	99
90) Hexachloroethane	14.151	117	206329	49.861	ug/l	92
91) 1,2-Dichlorobenzene	13.927	146	631095	47.535	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.539	75	101404	46.727	ug/l	95
93) 1,2,4-Trichlorobenzene	15.192	180	386211	47.796	ug/l	99
94) Hexachlorobutadiene	15.298	225	203021	47.664	ug/l	97
95) Naphthalene	15.433	128	1242146	47.152	ug/l	100
96) 1,2,3-Trichlorobenzene	15.627	180	393720	47.141	ug/l	99

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

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