

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082522\
 Data File : VN074129.D
 Acq On : 25 Aug 2022 21:21
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 08/26/2022
 Supervised By :Mahesh Dadoda 08/26/2022

Quant Time: Aug 26 02:08:36 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	472601	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	753071	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	688828	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	349407	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	258900	56.245	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 112.480%			
35) Dibromofluoromethane	7.951	113	235147	52.800	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.600%			
50) Toluene-d8	10.380	98	847820	49.154	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 98.300%			
62) 4-Bromofluorobenzene	12.674	95	304115	53.126	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 106.260%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.046	85	213456	56.962	ug/l	97
3) Chloromethane	2.269	50	194004	46.556	ug/l	97
4) Vinyl Chloride	2.404	62	271795	50.806	ug/l	99
5) Bromomethane	2.781	94	138810	41.552	ug/l	100
6) Chloroethane	2.951	64	186141	49.253	ug/l	98
7) Trichlorofluoromethane	3.304	101	390471	56.582	ug/l	99
8) Diethyl Ether	3.763	74	148509	57.973	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.134	101	200603	50.040	ug/l	96
10) Methyl Iodide	4.345	142	172211	35.782	ug/l	98
11) Tert butyl alcohol	5.298	59	340197	330.402	ug/l	100
12) 1,1-Dichloroethene	4.104	96	203350	54.518	ug/l	98
13) Acrolein	3.981	56	151531	210.253	ug/l	99
14) Allyl chloride	4.757	41	325989	59.013	ug/l	95
15) Acrylonitrile	5.475	53	876741	348.772	ug/l	99
16) Acetone	4.222	43	711901	327.809	ug/l	95
17) Carbon Disulfide	4.451	76	514118	57.969	ug/l	100
18) Methyl Acetate	4.775	43	382016	71.476	ug/l	98
19) Methyl tert-butyl Ether	5.534	73	771089	57.400	ug/l	99
20) Methylene Chloride	5.010	84	255885	55.838	ug/l	99
21) trans-1,2-Dichloroethene	5.510	96	223519	54.393	ug/l	98
22) Diisopropyl ether	6.416	45	736022	62.841	ug/l	98
23) Vinyl Acetate	6.351	43	3219979	320.812	ug/l	99
24) 1,1-Dichloroethane	6.304	63	428615	58.791	ug/l	98
25) 2-Butanone	7.263	43	1181027	342.979	ug/l	100
26) 2,2-Dichloropropane	7.245	77	220371	32.173	ug/l	95
27) cis-1,2-Dichloroethene	7.251	96	279270	55.082	ug/l	92
28) Bromochloromethane	7.580	49	154333	57.396	ug/l	95
29) Tetrahydrofuran	7.610	42	758512	343.389	ug/l	98
30) Chloroform	7.745	83	457660	56.139	ug/l	98
31) Cyclohexane	8.022	56	350010	54.545	ug/l	97
32) 1,1,1-Trichloroethane	7.939	97	385826	53.369	ug/l	97
36) 1,1-Dichloropropene	8.151	75	313969	50.756	ug/l	99
37) Ethyl Acetate	7.339	43	423282	56.482	ug/l	98
38) Carbon Tetrachloride	8.133	117	328533	46.464	ug/l	96
39) Methylcyclohexane	9.398	83	363612	46.912	ug/l	97
40) Benzene	8.392	78	1037994	53.166	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.563	41	203538	60.099	ug/l	95
42) 1,2-Dichloroethane	8.463	62	344980	51.390	ug/l	98
43) Isopropyl Acetate	8.498	43	594188	55.656	ug/l	97
44) Trichloroethene	9.151	130	258056	45.763	ug/l	95
45) 1,2-Dichloropropane	9.427	63	261784	55.942	ug/l	100
46) Dibromomethane	9.516	93	182059	51.172	ug/l	95
47) Bromodichloromethane	9.698	83	358154	52.669	ug/l	97
48) Methyl methacrylate	9.498	41	266968	58.442	ug/l	91
49) 1,4-Dioxane	9.504	88	162601	1196.949	ug/l	96
51) 4-Methyl-2-Pentanone	10.274	43	2188000	303.129	ug/l	98
52) Toluene	10.445	92	646014	48.255	ug/l	98
53) t-1,3-Dichloropropene	10.663	75	349009	48.910	ug/l	99
54) cis-1,3-Dichloropropene	10.127	75	386339	49.484	ug/l	95
55) 1,1,2-Trichloroethane	10.839	97	274554	52.721	ug/l	98
56) Ethyl methacrylate	10.704	69	443982	59.775	ug/l	93
57) 1,3-Dichloropropane	10.986	76	461718	54.529	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.980	63	921469	265.817	ug/l	100
59) 2-Hexanone	11.027	43	1736563	312.608	ug/l	98
60) Dibromochloromethane	11.180	129	297313	51.626	ug/l	99
61) 1,2-Dibromoethane	11.286	107	288363	51.770	ug/l	99
64) Tetrachloroethene	10.916	164	226013	41.571	ug/l	98
65) Chlorobenzene	11.710	112	706237	48.243	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.780	131	277805	50.113	ug/l	97
67) Ethyl Benzene	11.786	91	1223106	50.239	ug/l	99
68) m/p-Xylenes	11.892	106	968359	97.894	ug/l	99
69) o-Xylene	12.221	106	486836	49.078	ug/l	98
70) Styrene	12.233	104	802614	51.681	ug/l	99
71) Bromoform	12.398	173	246908	49.887	ug/l #	100
73) Isopropylbenzene	12.521	105	1220851	47.984	ug/l	99
74) N-amyl acetate	12.327	43	494524	51.415	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.768	83	462949	54.223	ug/l	99
76) 1,2,3-Trichloropropane	12.821	75	390164m	53.724	ug/l	
77) Bromobenzene	12.798	156	321511	46.685	ug/l	98
78) n-propylbenzene	12.863	91	1376236	50.745	ug/l	99
79) 2-Chlorotoluene	12.945	91	846130	50.064	ug/l	98
80) 1,3,5-Trimethylbenzene	12.998	105	1035444	50.034	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.568	75	119258	46.705	ug/l	98
82) 4-Chlorotoluene	13.045	91	816194	50.846	ug/l	98
83) tert-Butylbenzene	13.262	119	922186	48.425	ug/l	99
84) 1,2,4-Trimethylbenzene	13.310	105	1031899	49.932	ug/l	99
85) sec-Butylbenzene	13.439	105	1255526	50.861	ug/l	99
86) p-Isopropyltoluene	13.557	119	1076181	51.174	ug/l	99
87) 1,3-Dichlorobenzene	13.557	146	571773	47.875	ug/l	99
88) 1,4-Dichlorobenzene	13.633	146	561611	46.401	ug/l	97
89) n-Butylbenzene	13.880	91	812150	48.757	ug/l	99
90) Hexachloroethane	14.151	117	188470	49.029	ug/l	92
91) 1,2-Dichlorobenzene	13.927	146	586938	47.591	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.545	75	108733	53.937	ug/l	92
93) 1,2,4-Trichlorobenzene	15.198	180	343784	45.800	ug/l	99
94) Hexachlorobutadiene	15.304	225	170012	42.967	ug/l	99
95) Naphthalene	15.433	128	1236984	50.548	ug/l	100
96) 1,2,3-Trichlorobenzene	15.627	180	358692	46.232	ug/l	99

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

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