

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041522\
 Data File : VN072026.D
 Acq On : 16 Apr 2022 01:16
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 04/18/2022
 Supervised By :Semsettin Yesilyurt 04/18/2022

Quant Time: Apr 16 01:53:59 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 31 01:57:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	563882	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	875060	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	822288	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	335518	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	289770	45.014	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	90.020%		
35) Dibromofluoromethane	8.016	113	259461	50.388	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	100.780%		
50) Toluene-d8	10.439	98	1032559	49.019	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	98.040%		
62) 4-Bromofluorobenzene	12.727	95	352390	51.727	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	103.460%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.069	85	269373	60.089	ug/l	98
3) Chloromethane	2.299	50	287285	50.573	ug/l	98
4) Vinyl Chloride	2.440	62	299876	48.070	ug/l	98
5) Bromomethane	2.828	94	181772	44.824	ug/l	96
6) Chloroethane	3.004	64	175737	39.159	ug/l	98
7) Trichlorofluoromethane	3.369	101	405986	51.152	ug/l	99
8) Diethyl Ether	3.822	74	175333	52.272	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.210	101	243148	49.713	ug/l	97
10) Methyl Iodide	4.422	142	357728	52.323	ug/l	100
11) Tert butyl alcohol	5.369	59	258375	247.325	ug/l	99
12) 1,1-Dichloroethene	4.181	96	239406	51.437	ug/l	94
13) Acrolein	4.040	56	96629	75.860	ug/l	98
14) Allyl chloride	4.840	41	361488	47.852	ug/l	93
15) Acrylonitrile	5.551	53	805253	265.188	ug/l	98
16) Acetone	4.281	43	576277	209.471	ug/l	91
17) Carbon Disulfide	4.528	76	595282	55.743	ug/l	100
18) Methyl Acetate	4.851	43	350557	51.503	ug/l	97
19) Methyl tert-butyl Ether	5.610	73	867435	50.167	ug/l	97
20) Methylene Chloride	5.093	84	316180	54.527	ug/l	97
21) trans-1,2-Dichloroethene	5.592	96	264042	51.678	ug/l	94
22) Diisopropyl ether	6.492	45	795622	48.378	ug/l	94
23) Vinyl Acetate	6.428	43	3354981	256.536	ug/l	97
24) 1,1-Dichloroethane	6.381	63	486985	50.441	ug/l	100
25) 2-Butanone	7.328	43	972411	245.184	ug/l	95
26) 2,2-Dichloropropane	7.322	77	335331	40.431	ug/l	96
27) cis-1,2-Dichloroethene	7.322	96	321252	51.273	ug/l	94
28) Bromochloromethane	7.657	49	173754	44.614	ug/l	94
29) Tetrahydrofuran	7.681	42	639796	249.135	ug/l	94
30) Chloroform	7.816	83	498882	48.937	ug/l	98
31) Cyclohexane	8.092	56	431717	49.314	ug/l	98
32) 1,1,1-Trichloroethane	8.010	97	431080	49.429	ug/l	97
36) 1,1-Dichloropropene	8.216	75	368337	51.224	ug/l	99
37) Ethyl Acetate	7.410	43	396786	50.414	ug/l	97
38) Carbon Tetrachloride	8.204	117	364679	51.748	ug/l	99
39) Methylcyclohexane	9.457	83	464044	54.213	ug/l	99
40) Benzene	8.457	78	1186145	52.218	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.628	41	201908	52.393	ug/l	93
42) 1,2-Dichloroethane	8.528	62	370759	47.184	ug/l	97
43) Isopropyl Acetate	8.557	43	668776	51.087	ug/l	99
44) Trichloroethene	9.216	130	306479	52.371	ug/l	98
45) 1,2-Dichloropropane	9.486	63	291110	51.300	ug/l	97
46) Dibromomethane	9.575	93	196948	51.117	ug/l	97
47) Bromodichloromethane	9.757	83	392633	51.769	ug/l	98
48) Methyl methacrylate	9.557	41	282983	52.103	ug/l	90
49) 1,4-Dioxane	9.563	88	123446	957.478	ug/l	95
51) 4-Methyl-2-Pentanone	10.327	43	1968344	261.519	ug/l	95
52) Toluene	10.504	92	780242	54.339	ug/l	99
53) t-1,3-Dichloropropene	10.716	75	421707	53.053	ug/l	99
54) cis-1,3-Dichloropropene	10.186	75	460087	52.385	ug/l	93
55) 1,1,2-Trichloroethane	10.892	97	308194	52.152	ug/l	98
56) Ethyl methacrylate	10.757	69	485963	57.645	ug/l #	88
57) 1,3-Dichloropropane	11.039	76	510639	51.681	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.039	63	757050	288.861	ug/l	100
59) 2-Hexanone	11.080	43	1434583	270.722	ug/l	94
60) Dibromochloromethane	11.233	129	321675	55.825	ug/l	99
61) 1,2-Dibromoethane	11.339	107	317776	54.628	ug/l	100
64) Tetrachloroethene	10.974	164	271716	50.041	ug/l	100
65) Chlorobenzene	11.769	112	835304	50.731	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.839	131	300573	50.590	ug/l	100
67) Ethyl Benzene	11.839	91	1459418	52.359	ug/l	99
68) m/p-Xylenes	11.951	106	1137464	106.210	ug/l	98
69) o-Xylene	12.274	106	561232	52.797	ug/l	97
70) Styrene	12.292	104	894081	55.513	ug/l	99
71) Bromoform	12.457	173	248882	55.008	ug/l	100
73) Isopropylbenzene	12.574	105	1419692	50.213	ug/l	100
74) N-amyl acetate	12.380	43	419199	51.748	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.821	83	455439	48.279	ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	395210m	50.847	ug/l	
77) Bromobenzene	12.857	156	342093	48.266	ug/l	97
78) n-propylbenzene	12.916	91	1525706	51.300	ug/l	99
79) 2-Chlorotoluene	13.004	91	941850	49.381	ug/l	100
80) 1,3,5-Trimethylbenzene	13.057	105	1159954	51.781	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.621	75	129046	51.452	ug/l	93
82) 4-Chlorotoluene	13.104	91	879117	49.726	ug/l	100
83) tert-Butylbenzene	13.321	119	1031858	50.391	ug/l	98
84) 1,2,4-Trimethylbenzene	13.363	105	1139110	52.117	ug/l	100
85) sec-Butylbenzene	13.498	105	1374529	51.781	ug/l	100
86) p-Isopropyltoluene	13.610	119	1127967	53.293	ug/l	99
87) 1,3-Dichlorobenzene	13.610	146	557704	49.391	ug/l	99
88) 1,4-Dichlorobenzene	13.692	146	545351	49.505	ug/l	99
89) n-Butylbenzene	13.939	91	824311	52.510	ug/l	100
90) Hexachloroethane	14.210	117	198626	51.266	ug/l	96
91) 1,2-Dichlorobenzene	13.986	146	542577	48.946	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.598	75	75859	51.843	ug/l	98
93) 1,2,4-Trichlorobenzene	15.257	180	268975	50.357	ug/l	99
94) Hexachlorobutadiene	15.368	225	154185	47.160	ug/l	98
95) Naphthalene	15.504	128	795830	51.929	ug/l	100
96) 1,2,3-Trichlorobenzene	15.698	180	270529	52.189	ug/l	99

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

