

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041522\
 Data File : VN072003.D
 Acq On : 15 Apr 2022 15:21
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Apr 16 00:06:25 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	557813	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	832034	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	787655	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	332020	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	277958	43.649	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	87.300%
35) Dibromofluoromethane	8.016	113	251066	51.279	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	102.560%
50) Toluene-d8	10.439	98	1000639	49.961	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	99.920%
62) 4-Bromofluorobenzene	12.727	95	338306	52.227	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	104.460%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.069	85	294891	66.497	ug/l	99
3) Chloromethane	2.299	50	301696	53.688	ug/l	99
4) Vinyl Chloride	2.440	62	316554	51.296	ug/l	96
5) Bromomethane	2.840	94	193818	48.314	ug/l	99
6) Chloroethane	3.010	64	189770	42.746	ug/l	96
7) Trichlorofluoromethane	3.369	101	438924	55.904	ug/l	97
8) Diethyl Ether	3.828	74	186323	56.153	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.210	101	274899	56.817	ug/l	97
10) Methyl Iodide	4.422	142	365000	53.967	ug/l	100
11) Tert butyl alcohol	5.357	59	244388	236.481	ug/l	99
12) 1,1-Dichloroethene	4.187	96	257467	55.920	ug/l	91
13) Acrolein	4.040	56	76687	60.859	ug/l	96
14) Allyl chloride	4.840	41	386875	51.770	ug/l	93
15) Acrylonitrile	5.545	53	814161	271.039	ug/l	99
16) Acetone	4.281	43	775246	284.861	ug/l	91
17) Carbon Disulfide	4.528	76	648744	61.411	ug/l	100
18) Methyl Acetate	4.851	43	334522	49.626	ug/l	95
19) Methyl tert-butyl Ether	5.610	73	909412	53.167	ug/l	97
20) Methylene Chloride	5.093	84	323078	56.322	ug/l	95
21) trans-1,2-Dichloroethene	5.598	96	283150	56.020	ug/l	94
22) Diisopropyl ether	6.487	45	838674	51.551	ug/l	98
23) Vinyl Acetate	6.428	43	3544031	273.940	ug/l	98
24) 1,1-Dichloroethane	6.387	63	516403	54.070	ug/l	98
25) 2-Butanone	7.328	43	1067055	271.974	ug/l	94
26) 2,2-Dichloropropane	7.322	77	428335	52.207	ug/l	97
27) cis-1,2-Dichloroethene	7.322	96	343499	55.420	ug/l	95
28) Bromochloromethane	7.651	49	176973	45.935	ug/l	94
29) Tetrahydrofuran	7.681	42	654383	257.588	ug/l	95
30) Chloroform	7.816	83	536068	53.157	ug/l	100
31) Cyclohexane	8.092	56	464567	53.644	ug/l	99
32) 1,1,1-Trichloroethane	8.010	97	455844	52.838	ug/l	98
36) 1,1-Dichloropropene	8.216	75	392540	57.413	ug/l	99
37) Ethyl Acetate	7.404	43	394760	52.751	ug/l	97
38) Carbon Tetrachloride	8.204	117	391272	58.392	ug/l	99
39) Methylcyclohexane	9.457	83	521334	64.056	ug/l	98
40) Benzene	8.457	78	1243734	57.585	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.628	41	187266	51.107	ug/l	95
42) 1,2-Dichloroethane	8.522	62	391611	52.415	ug/l	97
43) Isopropyl Acetate	8.557	43	602752	48.424	ug/l	96
44) Trichloroethene	9.210	130	326299	58.641	ug/l	98
45) 1,2-Dichloropropane	9.486	63	308779	57.228	ug/l	97
46) Dibromomethane	9.575	93	208014	56.781	ug/l	97
47) Bromodichloromethane	9.757	83	416887	57.810	ug/l	97
48) Methyl methacrylate	9.557	41	289254	56.012	ug/l	90
49) 1,4-Dioxane	9.563	88	135735	1109.427	ug/l	98
51) 4-Methyl-2-Pentanone	10.328	43	2007593	280.527	ug/l	95
52) Toluene	10.498	92	823343	60.306	ug/l	100
53) t-1,3-Dichloropropene	10.716	75	454636	60.153	ug/l	99
54) cis-1,3-Dichloropropene	10.186	75	503375	60.278	ug/l	93
55) 1,1,2-Trichloroethane	10.892	97	323296	57.537	ug/l	98
56) Ethyl methacrylate	10.757	69	504921	62.991	ug/l #	90
57) 1,3-Dichloropropane	11.039	76	540713	57.555	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.033	63	763868	305.496	ug/l	99
59) 2-Hexanone	11.080	43	1485158	294.759	ug/l	93
60) Dibromochloromethane	11.233	129	341948	62.413	ug/l	100
61) 1,2-Dibromoethane	11.339	107	331113	59.864	ug/l	99
64) Tetrachloroethene	10.975	164	293544	56.438	ug/l	98
65) Chlorobenzene	11.763	112	889409	56.393	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.833	131	320858	56.379	ug/l	99
67) Ethyl Benzene	11.839	91	1575368	59.004	ug/l	100
68) m/p-Xylenes	11.951	106	1222980	119.216	ug/l	99
69) o-Xylene	12.274	106	606865	59.600	ug/l	96
70) Styrene	12.292	104	981823	63.641	ug/l	98
71) Bromoform	12.451	173	269114	62.095	ug/l	100
73) Isopropylbenzene	12.574	105	1536143	54.905	ug/l	99
74) N-amyl acetate	12.380	43	425902	53.129	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.821	83	475159	50.900	ug/l	100
76) 1,2,3-Trichloropropane	12.874	75	406359m	52.832	ug/l	
77) Bromobenzene	12.857	156	371144	52.917	ug/l	96
78) n-propylbenzene	12.916	91	1689472	57.405	ug/l	99
79) 2-Chlorotoluene	13.004	91	1023804	54.243	ug/l	100
80) 1,3,5-Trimethylbenzene	13.051	105	1252587	56.505	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.621	75	139150	56.065	ug/l	94
82) 4-Chlorotoluene	13.098	91	966984	55.272	ug/l	100
83) tert-Butylbenzene	13.316	119	1112256	54.889	ug/l	98
84) 1,2,4-Trimethylbenzene	13.363	105	1219070	56.363	ug/l	99
85) sec-Butylbenzene	13.498	105	1511515	57.542	ug/l	99
86) p-Isopropyltoluene	13.610	119	1255965	59.966	ug/l	99
87) 1,3-Dichlorobenzene	13.610	146	622044	55.670	ug/l	99
88) 1,4-Dichlorobenzene	13.692	146	601277	55.157	ug/l	99
89) n-Butylbenzene	13.939	91	939224	60.461	ug/l	100
90) Hexachloroethane	14.204	117	219663	57.293	ug/l	96
91) 1,2-Dichlorobenzene	13.980	146	601988	54.877	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.598	75	78578	54.267	ug/l	95
93) 1,2,4-Trichlorobenzene	15.257	180	298617	56.241	ug/l	99
94) Hexachlorobutadiene	15.363	225	175197	54.151	ug/l	99
95) Naphthalene	15.498	128	836278	54.908	ug/l	100
96) 1,2,3-Trichlorobenzene	15.692	180	295777	57.408	ug/l	100

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

