

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020823\
 Data File : VN076567.D
 Acq On : 08 Feb 2023 09:48
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Feb 09 00:40:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N020723W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 08 09:04:43 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 02/09/2023
 Supervised By : Semsettin Yesilyurt 02/09/2023

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	646005	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	1057343	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	941366	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	425475	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	371396	48.709	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.420%		
35) Dibromofluoromethane	8.171	113	332661	50.612	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	101.220%		
50) Toluene-d8	10.571	98	1274179	51.530	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	103.060%		
62) 4-Bromofluorobenzene	12.853	95	451126	51.787	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	103.580%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.142	85	360074	53.653	ug/l	99
3) Chloromethane	2.371	50	256842	41.643	ug/l	98
4) Vinyl Chloride	2.530	62	267743	47.276	ug/l	99
5) Bromomethane	2.965	94	183821	43.748	ug/l	98
6) Chloroethane	3.136	64	143846	41.991	ug/l	99
7) Trichlorofluoromethane	3.512	101	496803	44.506	ug/l	100
8) Diethyl Ether	3.983	74	191407	45.283	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.389	101	332488	48.080	ug/l	99
10) Methyl Iodide	4.600	142	494523	48.892	ug/l	99
11) Tert butyl alcohol	5.542	59	204891	206.306	ug/l	100
12) 1,1-Dichloroethene	4.359	96	314400	48.667	ug/l	98
13) Acrolein	4.195	56	302488	227.993	ug/l	99
14) Allyl chloride	5.042	41	424897	50.501	ug/l	95
15) Acrylonitrile	5.736	53	657734	220.698	ug/l	99
16) Acetone	4.448	43	710584	282.672	ug/l	98
17) Carbon Disulfide	4.730	76	804137	48.049	ug/l	98
18) Methyl Acetate	5.042	43	363763	45.735	ug/l	99
19) Methyl tert-butyl Ether	5.812	73	1028023	47.848	ug/l	97
20) Methylene Chloride	5.295	84	343230	44.291	ug/l	99
21) trans-1,2-Dichloroethene	5.800	96	332189	47.309	ug/l	95
22) Diisopropyl ether	6.683	45	923613	48.436	ug/l	98
23) Vinyl Acetate	6.612	43	2913697	244.202	ug/l	99
24) 1,1-Dichloroethane	6.577	63	580809	47.433	ug/l	100
25) 2-Butanone	7.494	43	880205	243.595	ug/l	98
26) 2,2-Dichloropropane	7.500	77	509866	49.882	ug/l	100
27) cis-1,2-Dichloroethene	7.494	96	392150	47.757	ug/l	99
28) Bromochloromethane	7.824	49	246924	50.328	ug/l	99
29) Tetrahydrofuran	7.847	42	528426	227.544	ug/l	100
30) Chloroform	7.971	83	628996	47.352	ug/l	99
31) Cyclohexane	8.265	56	540827	44.877	ug/l	96
32) 1,1,1-Trichloroethane	8.177	97	572687	48.114	ug/l	99
36) 1,1-Dichloropropene	8.377	75	469849	50.067	ug/l	99
37) Ethyl Acetate	7.571	43	338298	48.117	ug/l	99
38) Carbon Tetrachloride	8.365	117	507491	50.297	ug/l	97
39) Methylcyclohexane	9.606	83	608291	52.194	ug/l	99
40) Benzene	8.612	78	1396198	49.080	ug/l	99

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41) Methacrylonitrile	7.789	41	183980	46.215	ug/l	97
42) 1,2-Dichloroethane	8.677	62	443774	47.914	ug/l	100
43) Isopropyl Acetate	8.694	43	566847	48.451	ug/l	98
44) Trichloroethene	9.359	130	375266	49.400	ug/l	97
45) 1,2-Dichloropropane	9.624	63	335592	49.118	ug/l	98
46) Dibromomethane	9.712	93	232752	47.224	ug/l	98
47) Bromodichloromethane	9.888	83	493583	49.801	ug/l	99
48) Methyl methacrylate	9.682	41	278938	48.480	ug/l	98
49) 1,4-Dioxane	9.706	88	100358	815.379	ug/l #	88
51) 4-Methyl-2-Pentanone	10.447	43	1658333	235.849	ug/l	100
52) Toluene	10.635	92	918649	50.039	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	505617	52.799	ug/l	96
54) cis-1,3-Dichloropropene	10.318	75	571933	52.373	ug/l	99
55) 1,1,2-Trichloroethane	11.018	97	343077	47.713	ug/l	96
56) Ethyl methacrylate	10.877	69	494037	51.337	ug/l	100
57) 1,3-Dichloropropane	11.165	76	567917	48.795	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	736735	267.894	ug/l	100
59) 2-Hexanone	11.200	43	1226271	244.629	ug/l	99
60) Dibromochloromethane	11.359	129	381334	50.323	ug/l	100
61) 1,2-Dibromoethane	11.471	107	342855	48.170	ug/l	99
64) Tetrachloroethene	11.106	164	383302	48.899	ug/l	98
65) Chlorobenzene	11.894	112	944398	48.512	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	361670	50.168	ug/l	98
67) Ethyl Benzene	11.965	91	1743689	50.400	ug/l	99
68) m/p-Xylenes	12.076	106	1371603	101.755	ug/l	100
69) o-Xylene	12.400	106	670492	50.796	ug/l	100
70) Styrene	12.412	104	1094761	52.147	ug/l	100
71) Bromoform	12.582	173	256368	50.946	ug/l #	98
73) Isopropylbenzene	12.700	105	1764160	50.628	ug/l	99
74) N-amyl acetate	12.494	43	476142	48.999	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	435076	45.553	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	401511m	50.579	ug/l	
77) Bromobenzene	12.982	156	393854	48.593	ug/l	98
78) n-propylbenzene	13.041	91	2021323	52.681	ug/l	100
79) 2-Chlorotoluene	13.129	91	1186797	48.557	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	1479270	51.151	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	138078	53.410	ug/l	95
82) 4-Chlorotoluene	13.129	91	1186797	48.557	ug/l	100
83) tert-Butylbenzene	13.441	119	1311943	50.647	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	1467851	51.002	ug/l	100
85) sec-Butylbenzene	13.618	105	1830867	52.414	ug/l	100
86) p-Isopropyltoluene	13.735	119	1550716	54.172	ug/l	100
87) 1,3-Dichlorobenzene	13.735	146	734267	49.221	ug/l	99
88) 1,4-Dichlorobenzene	13.818	146	722828	47.701	ug/l	100
89) n-Butylbenzene	14.059	91	1262491	55.697	ug/l	99
90) Hexachloroethane	14.335	117	258837	51.911	ug/l	98
91) 1,2-Dichlorobenzene	14.112	146	708286	48.158	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	77646	46.973	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	368892	54.738	ug/l	99
94) Hexachlorobutadiene	15.506	225	193951	51.181	ug/l	99
95) Naphthalene	15.647	128	1024745	52.266	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	348740	54.034	ug/l	99

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

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