

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072523\
 Data File : VN078651.D
 Acq On : 25 Jul 2023 16:58
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jul 26 04:49:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 10 16:13:53 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 07/26/2023
 Supervised By :Semsettin Yesilyurt 07/27/2023

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

Internal Standards						
1) Pentafluorobenzene	8.236	168	497395	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	810567	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	732703	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	323661	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	322149	48.312	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.620%		
35) Dibromofluoromethane	8.177	113	303432	55.146	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	110.300%		
50) Toluene-d8	10.571	98	1075522	51.742	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	103.480%		
62) 4-Bromofluorobenzene	12.853	95	363865	56.831	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	113.660%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.136	85	365529	59.939	ug/l	91
3) Chloromethane	2.371	50	369229	55.705	ug/l	99
4) Vinyl Chloride	2.518	62	471258	54.961	ug/l	99
5) Bromomethane	2.948	94	306083	57.148	ug/l	99
6) Chloroethane	3.118	64	310449	60.247	ug/l	95
7) Trichlorofluoromethane	3.501	101	526269	51.345	ug/l	99
8) Diethyl Ether	3.971	74	179791	52.648	ug/l	84
9) 1,1,2-Trichlorotrifluo...	4.383	101	281237	51.833	ug/l	94
10) Methyl Iodide	4.600	142	412975	55.389	ug/l	99
11) Tert butyl alcohol	5.536	59	248683	241.853	ug/l	100
12) 1,1-Dichloroethene	4.348	96	277707	52.913	ug/l	92
13) Acrolein	4.189	56	237610	234.873	ug/l	96
14) Allyl chloride	5.030	41	378090	52.720	ug/l	97
15) Acrylonitrile	5.730	53	650354	250.331	ug/l	99
16) Acetone	4.442	43	489459	235.643	ug/l	95
17) Carbon Disulfide	4.718	76	752752	49.600	ug/l	100
18) Methyl Acetate	5.036	43	427909	48.666	ug/l	91
19) Methyl tert-butyl Ether	5.806	73	893227	51.654	ug/l	99
20) Methylene Chloride	5.283	84	320531	53.894	ug/l	93
21) trans-1,2-Dichloroethene	5.795	96	308437	52.151	ug/l	94
22) Diisopropyl ether	6.683	45	851068	52.998	ug/l	96
23) Vinyl Acetate	6.612	43	2685474	263.052	ug/l #	91
24) 1,1-Dichloroethane	6.577	63	544165	50.289	ug/l	98
25) 2-Butanone	7.494	43	814981	249.255	ug/l	90
26) 2,2-Dichloropropane	7.500	77	463176	52.335	ug/l	98
27) cis-1,2-Dichloroethene	7.500	96	361884	52.893	ug/l	95
28) Bromochloromethane	7.824	49	245676	48.204	ug/l	95
29) Tetrahydrofuran	7.847	42	541977	252.617	ug/l	86
30) Chloroform	7.971	83	586644	52.075	ug/l	96
31) Cyclohexane	8.265	56	441950	49.042	ug/l	95
32) 1,1,1-Trichloroethane	8.177	97	526853	52.163	ug/l	96
36) 1,1-Dichloropropene	8.377	75	440065	55.389	ug/l	98
37) Ethyl Acetate	7.565	43	352690	53.252	ug/l	95
38) Carbon Tetrachloride	8.371	117	483911	56.041	ug/l	98
39) Methylcyclohexane	9.606	83	411316	56.717	ug/l	94
40) Benzene	8.612	78	1319401	56.055	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	192165	56.915	ug/l	92
42) 1,2-Dichloroethane	8.677	62	431567	53.905	ug/l	100
43) Isopropyl Acetate	8.700	43	667174	61.186	ug/l #	91
44) Trichloroethene	9.359	130	351650	55.432	ug/l	99
45) 1,2-Dichloropropane	9.630	63	328761	55.148	ug/l	99
46) Dibromomethane	9.718	93	237362	56.571	ug/l	92
47) Bromodichloromethane	9.894	83	469671	55.841	ug/l	96
48) Methyl methacrylate	9.688	41	278383	55.107	ug/l	93
49) 1,4-Dioxane	9.700	88	118559	1076.162	ug/l	93
51) 4-Methyl-2-Pentanone	10.453	43	1797662	277.168	ug/l	95
52) Toluene	10.635	92	831075	56.970	ug/l	95
53) t-1,3-Dichloropropene	10.841	75	490518	56.927	ug/l	100
54) cis-1,3-Dichloropropene	10.318	75	532480	57.974	ug/l	98
55) 1,1,2-Trichloroethane	11.024	97	325465	56.626	ug/l	96
56) Ethyl methacrylate	10.882	69	466525	58.065	ug/l	92
57) 1,3-Dichloropropane	11.171	76	537619	55.012	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	772226	269.700	ug/l	94
59) 2-Hexanone	11.200	43	1274131	276.411	ug/l	94
60) Dibromochloromethane	11.365	129	371307	58.517	ug/l	100
61) 1,2-Dibromoethane	11.476	107	339636	57.363	ug/l	97
64) Tetrachloroethene	11.112	164	291018	52.829	ug/l	97
65) Chlorobenzene	11.900	112	884883	54.030	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.965	131	347302	55.123	ug/l	96
67) Ethyl Benzene	11.971	91	1585457	57.271	ug/l	99
68) m/p-Xylenes	12.076	106	1220974	119.289	ug/l	99
69) o-Xylene	12.406	106	585698	56.653	ug/l	95
70) Styrene	12.418	104	964782	59.650	ug/l	97
71) Bromoform	12.582	173	251159	58.860	ug/l #	99
73) Isopropylbenzene	12.700	105	1471230	48.376	ug/l	99
74) N-amyl acetate	12.500	43	495643	47.291	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.941	83	453482	53.610	ug/l	98
76) 1,2,3-Trichloropropane	13.000	75	359351m	45.934	ug/l	
77) Bromobenzene	12.988	156	359057	54.427	ug/l	92
78) n-propylbenzene	13.041	91	1652194	50.798	ug/l	100
79) 2-Chlorotoluene	13.129	91	1029795	48.338	ug/l	95
80) 1,3,5-Trimethylbenzene	13.176	105	1212195	50.446	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	138545	46.537	ug/l	88
82) 4-Chlorotoluene	13.229	91	994513	50.041	ug/l	97
83) tert-Butylbenzene	13.447	119	997984	48.917	ug/l	96
84) 1,2,4-Trimethylbenzene	13.488	105	1191042	51.028	ug/l	98
85) sec-Butylbenzene	13.623	105	1278042	49.561	ug/l	99
86) p-Isopropyltoluene	13.735	119	1073264	51.833	ug/l	97
87) 1,3-Dichlorobenzene	13.741	146	602677	51.620	ug/l	98
88) 1,4-Dichlorobenzene	13.818	146	592846	50.413	ug/l	98
89) n-Butylbenzene	14.065	91	793203	53.539	ug/l	98
90) Hexachloroethane	14.341	117	199467	52.451	ug/l	80
91) 1,2-Dichlorobenzene	14.112	146	586893	50.512	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	72255	49.613	ug/l	90
93) 1,2,4-Trichlorobenzene	15.400	180	186688	50.344	ug/l	96
94) Hexachlorobutadiene	15.506	225	114192	60.387	ug/l	95
95) Naphthalene	15.647	128	564554	44.533	ug/l	100
96) 1,2,3-Trichlorobenzene	15.847	180	206104	48.337	ug/l	97

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

