

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN073123\
 Data File : VN078699.D
 Acq On : 31 Jul 2023 12:16
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Aug 01 01:14:43 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 : John Carlone 08/01/2023
 Supervised By : Mahesh Dadoda 08/01/2023

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	738305	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	1225417	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	1093449	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	442076	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	470086	47.494	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	94.980%		
35) Dibromofluoromethane	8.177	113	423609	50.924	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	101.840%		
50) Toluene-d8	10.571	98	1496504	47.622	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	95.240%		
62) 4-Bromofluorobenzene	12.853	95	537094	55.488	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	110.980%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.136	85	410383	45.336	ug/l	98
3) Chloromethane	2.371	50	427103	43.410	ug/l	99
4) Vinyl Chloride	2.524	62	764146	60.040	ug/l	99
5) Bromomethane	2.953	94	277298	32.729	ug/l	100
6) Chloroethane	3.124	64	257298	32.757	ug/l	97
7) Trichlorofluoromethane	3.506	101	648896	42.651	ug/l	99
8) Diethyl Ether	3.971	74	267616	52.795	ug/l	78
9) 1,1,2-Trichlorotrifluo...	4.383	101	364360	45.241	ug/l	92
10) Methyl Iodide	4.600	142	539851	48.780	ug/l	93
11) Tert butyl alcohol	5.536	59	340091	222.826	ug/l	100
12) 1,1-Dichloroethene	4.353	96	360574	46.284	ug/l	95
13) Acrolein	4.195	56	422528	281.378	ug/l	96
14) Allyl chloride	5.036	41	523965	49.221	ug/l	92
15) Acrylonitrile	5.730	53	990446	256.839	ug/l	99
16) Acetone	4.436	43	755645	245.088	ug/l	98
17) Carbon Disulfide	4.724	76	992172	44.043	ug/l	99
18) Methyl Acetate	5.036	43	645550	49.461	ug/l	90
19) Methyl tert-butyl Ether	5.806	73	1321150	51.471	ug/l	95
20) Methylene Chloride	5.283	84	464745	52.615	ug/l	94
21) trans-1,2-Dichloroethene	5.800	96	402712	45.873	ug/l	86
22) Diisopropyl ether	6.683	45	1275490	53.511	ug/l	93
23) Vinyl Acetate	6.612	43	3911191	258.105	ug/l #	89
24) 1,1-Dichloroethane	6.577	63	789618	49.162	ug/l	98
25) 2-Butanone	7.488	43	1191839	245.573	ug/l #	87
26) 2,2-Dichloropropane	7.494	77	631695	48.086	ug/l	97
27) cis-1,2-Dichloroethene	7.494	96	493760	48.619	ug/l	92
28) Bromochloromethane	7.824	49	387392	51.208	ug/l	89
29) Tetrahydrofuran	7.847	42	783069	245.894	ug/l #	83
30) Chloroform	7.971	83	804955	48.138	ug/l	95
31) Cyclohexane	8.265	56	616380	46.080	ug/l	88
32) 1,1,1-Trichloroethane	8.177	97	685313	45.711	ug/l	97
36) 1,1-Dichloropropene	8.377	75	577232	48.058	ug/l	97
37) Ethyl Acetate	7.571	43	503775	50.314	ug/l	96
38) Carbon Tetrachloride	8.371	117	604127	46.278	ug/l	98
39) Methylcyclohexane	9.606	83	556064	50.719	ug/l #	88
40) Benzene	8.612	78	1795051	50.445	ug/l	98

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	267628	52.431	ug/l	93
42) 1,2-Dichloroethane	8.677	62	595337	49.187	ug/l	99
43) Isopropyl Acetate	8.694	43	832671	50.512	ug/l	97
44) Trichloroethene	9.359	130	443599	46.253	ug/l	98
45) 1,2-Dichloropropane	9.624	63	481870	53.467	ug/l	99
46) Dibromomethane	9.718	93	315345	49.713	ug/l	88
47) Bromodichloromethane	9.894	83	641144	50.422	ug/l	95
48) Methyl methacrylate	9.688	41	394008	51.591	ug/l #	85
49) 1,4-Dioxane	9.700	88	148589	892.144	ug/l #	86
51) 4-Methyl-2-Pentanone	10.453	43	2473145	252.226	ug/l	96
52) Toluene	10.635	92	1116782	50.638	ug/l	98
53) t-1,3-Dichloropropene	10.841	75	706091	54.204	ug/l	100
54) cis-1,3-Dichloropropene	10.318	75	779190	56.115	ug/l	97
55) 1,1,2-Trichloroethane	11.024	97	451059	51.910	ug/l	96
56) Ethyl methacrylate	10.877	69	682340	56.176	ug/l #	87
57) 1,3-Dichloropropane	11.171	76	766551	51.884	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	1160692	268.138	ug/l	91
59) 2-Hexanone	11.200	43	1716338	246.291	ug/l	98
60) Dibromochloromethane	11.365	129	494920	51.593	ug/l	98
61) 1,2-Dibromoethane	11.476	107	453902	50.709	ug/l	99
64) Tetrachloroethene	11.106	164	385215	46.858	ug/l	97
65) Chlorobenzene	11.894	112	1172234	47.962	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.965	131	453884	48.273	ug/l	98
67) Ethyl Benzene	11.971	91	2044075	49.477	ug/l	99
68) m/p-Xylenes	12.076	106	1541279	100.903	ug/l	96
69) o-Xylene	12.406	106	767183	49.725	ug/l	97
70) Styrene	12.418	104	1264043	52.369	ug/l	99
71) Bromoform	12.582	173	329927	51.811	ug/l #	100
73) Isopropylbenzene	12.700	105	1888609	45.466	ug/l	100
74) N-amyl acetate	12.500	43	643273	44.936	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.941	83	600413	51.866	ug/l	99
76) 1,2,3-Trichloropropane	13.000	75	473872m	44.347	ug/l	
77) Bromobenzene	12.982	156	463800	51.386	ug/l	99
78) n-propylbenzene	13.041	91	2080222	46.827	ug/l	99
79) 2-Chlorotoluene	13.129	91	1337674	45.971	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	1558626	47.488	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	215911	53.097	ug/l	89
82) 4-Chlorotoluene	13.223	91	1307879	48.181	ug/l	98
83) tert-Butylbenzene	13.441	119	1285236	46.123	ug/l	96
84) 1,2,4-Trimethylbenzene	13.488	105	1572162	49.315	ug/l	100
85) sec-Butylbenzene	13.623	105	1622343	46.061	ug/l	100
86) p-Isopropyltoluene	13.735	119	1347844	47.658	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	752317	47.177	ug/l	98
88) 1,4-Dichlorobenzene	13.817	146	738058	45.950	ug/l	99
89) n-Butylbenzene	14.059	91	1029850	50.892	ug/l	99
90) Hexachloroethane	14.341	117	254450	48.932	ug/l	78
91) 1,2-Dichlorobenzene	14.112	146	730875	46.054	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	94073	47.198	ug/l	94
93) 1,2,4-Trichlorobenzene	15.400	180	226575	44.734	ug/l	95
94) Hexachlorobutadiene	15.506	225	154681	59.850	ug/l	99
95) Naphthalene	15.647	128	691289	39.924	ug/l	100
96) 1,2,3-Trichlorobenzene	15.847	180	258722	44.424	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

