

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102623\
 Data File : VN079702.D
 Acq On : 26 Oct 2023 18:12
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Oct 27 01:24:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100523W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 06 03:34:49 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/27/2023
 Supervised By : Mahesh Dadoda 10/27/2023

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	283435	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	495375	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	450949	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	200608	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	229150	49.862	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.720%		
35) Dibromofluoromethane	8.171	113	181269	50.919	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	101.840%		
50) Toluene-d8	10.571	98	672300	52.193	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	104.380%		
62) 4-Bromofluorobenzene	12.853	95	231990	56.121	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	112.240%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.130	85	167876	41.334	ug/l	100
3) Chloromethane	2.365	50	191865	37.860	ug/l	99
4) Vinyl Chloride	2.518	62	216371	41.047	ug/l	97
5) Bromomethane	2.942	94	126732	40.161	ug/l	98
6) Chloroethane	3.118	64	137196	34.523	ug/l	97
7) Trichlorofluoromethane	3.495	101	271582	43.636	ug/l	98
8) Diethyl Ether	3.965	74	106702	48.090	ug/l	65
9) 1,1,2-Trichlorotrifluo...	4.371	101	157962	43.431	ug/l	99
10) Methyl Iodide	4.595	142	177973	56.391	ug/l	98
11) Tert butyl alcohol	5.530	59	148667	214.935	ug/l	99
12) 1,1-Dichloroethene	4.342	96	144848	43.254	ug/l #	83
13) Acrolein	4.183	56	173631	252.104	ug/l	96
14) Allyl chloride	5.030	41	237461	43.940	ug/l	90
15) Acrylonitrile	5.724	53	485619	242.167	ug/l	98
16) Acetone	4.430	43	450748	247.283	ug/l	92
17) Carbon Disulfide	4.712	76	370297	35.449	ug/l	99
18) Methyl Acetate	5.030	43	403234	45.197	ug/l #	85
19) Methyl tert-butyl Ether	5.800	73	556896	51.181	ug/l	94
20) Methylene Chloride	5.283	84	183803	45.999	ug/l #	81
21) trans-1,2-Dichloroethene	5.789	96	163473	41.795	ug/l #	74
22) Diisopropyl ether	6.677	45	612841	50.572	ug/l #	90
23) Vinyl Acetate	6.606	43	1693385	248.428	ug/l #	85
24) 1,1-Dichloroethane	6.571	63	341468	46.042	ug/l	96
25) 2-Butanone	7.489	43	678653	250.849	ug/l #	79
26) 2,2-Dichloropropane	7.494	77	279282	49.275	ug/l	99
27) cis-1,2-Dichloroethene	7.489	96	201590	47.443	ug/l	85
28) Bromochloromethane	7.818	49	148398	42.054	ug/l #	73
29) Tetrahydrofuran	7.847	42	438401	250.555	ug/l #	76
30) Chloroform	7.971	83	357314	47.684	ug/l	94
31) Cyclohexane	8.259	56	264173	40.525	ug/l	87
32) 1,1,1-Trichloroethane	8.177	97	299628	47.514	ug/l	95
36) 1,1-Dichloropropene	8.377	75	249721	46.738	ug/l	95
37) Ethyl Acetate	7.565	43	262681	49.409	ug/l #	92
38) Carbon Tetrachloride	8.365	117	252280	47.165	ug/l	99
39) Methylcyclohexane	9.606	83	247318	48.179	ug/l #	86
40) Benzene	8.612	78	768448	48.428	ug/l	99

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41) Methacrylonitrile	7.783	41	138277	49.473	ug/l	87
42) 1,2-Dichloroethane	8.677	62	281822	48.879	ug/l	97
43) Isopropyl Acetate	8.694	43	443433	47.608	ug/l #	90
44) Trichloroethene	9.359	130	181137	48.501	ug/l	96
45) 1,2-Dichloropropane	9.630	63	205247	49.093	ug/l	98
46) Dibromomethane	9.712	93	136975	50.587	ug/l	96
47) Bromodichloromethane	9.894	83	282871	50.786	ug/l	99
48) Methyl methacrylate	9.688	41	208871	52.332	ug/l #	81
49) 1,4-Dioxane	9.700	88	73456	999.155	ug/l #	82
51) 4-Methyl-2-Pentanone	10.447	43	1397508	265.794	ug/l	89
52) Toluene	10.635	92	473410	50.685	ug/l	98
53) t-1,3-Dichloropropene	10.841	75	290525	51.759	ug/l	96
54) cis-1,3-Dichloropropene	10.318	75	317737	51.710	ug/l #	87
55) 1,1,2-Trichloroethane	11.024	97	191134	50.971	ug/l	96
56) Ethyl methacrylate	10.877	69	294328	57.121	ug/l #	81
57) 1,3-Dichloropropane	11.171	76	335788	51.859	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	528496	267.820	ug/l	89
59) 2-Hexanone	11.200	43	1020970	269.093	ug/l	89
60) Dibromochloromethane	11.365	129	195793	51.953	ug/l	98
61) 1,2-Dibromoethane	11.471	107	188221	50.579	ug/l	97
64) Tetrachloroethene	11.106	164	141885	45.737	ug/l	97
65) Chlorobenzene	11.894	112	483052	48.100	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	182917	49.745	ug/l	98
67) Ethyl Benzene	11.971	91	902717	51.716	ug/l	96
68) m/p-Xylenes	12.076	106	664118	104.712	ug/l	92
69) o-Xylene	12.406	106	327042	52.433	ug/l	93
70) Styrene	12.418	104	539637	54.773	ug/l	97
71) Bromoform	12.582	173	136083	50.566	ug/l #	98
73) Isopropylbenzene	12.700	105	837164	44.857	ug/l	99
74) N-amyl acetate	12.500	43	361734	47.279	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.941	83	289375	47.989	ug/l	99
76) 1,2,3-Trichloropropane	13.000	75	256549m	44.354	ug/l	
77) Bromobenzene	12.982	156	190079	41.537	ug/l	91
78) n-propylbenzene	13.041	91	978191	46.325	ug/l	98
79) 2-Chlorotoluene	13.129	91	594046	43.965	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	689584	46.857	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	86700	43.492	ug/l #	74
82) 4-Chlorotoluene	13.223	91	583741	45.401	ug/l	98
83) tert-Butylbenzene	13.441	119	591904	49.090	ug/l	100
84) 1,2,4-Trimethylbenzene	13.488	105	684855	48.762	ug/l	100
85) sec-Butylbenzene	13.618	105	808333	48.063	ug/l	99
86) p-Isopropyltoluene	13.735	119	648253	50.244	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	336512	46.363	ug/l	98
88) 1,4-Dichlorobenzene	13.818	146	325353	43.413	ug/l	99
89) n-Butylbenzene	14.059	91	525812	51.035	ug/l	99
90) Hexachloroethane	14.335	117	124860	47.619	ug/l	89
91) 1,2-Dichlorobenzene	14.112	146	324036	45.769	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	46958	43.513	ug/l	95
93) 1,2,4-Trichlorobenzene	15.400	180	108155	49.325	ug/l	97
94) Hexachlorobutadiene	15.506	225	77890	45.609	ug/l	98
95) Naphthalene	15.647	128	293264	43.798	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	115566	44.165	ug/l	99

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

