

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111823\
 Data File : VN080179.D
 Acq On : 18 Nov 2023 12:21
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Nov 20 01:21:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N111623W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 17 01:19:32 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 11/20/2023
 Supervised By : Mahesh Dadoda 11/20/2023

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	235573	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	364291	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	332365	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	170683	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	162176	41.694	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	83.380%		
35) Dibromofluoromethane	8.171	113	114047	42.428	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	84.860%		
50) Toluene-d8	10.571	98	417426	43.080	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	86.160%		
62) 4-Bromofluorobenzene	12.853	95	163894	44.780	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	89.560%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	167931	47.857	ug/l	100
3) Chloromethane	2.359	50	115319	43.711	ug/l	99
4) Vinyl Chloride	2.512	62	130354	46.690	ug/l	98
5) Bromomethane	2.942	94	80100	42.262	ug/l	92
6) Chloroethane	3.112	64	80347	46.371	ug/l	96
7) Trichlorofluoromethane	3.495	101	272194	46.736	ug/l	97
8) Diethyl Ether	3.959	74	76883	45.391	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.371	101	122714	46.098	ug/l	94
10) Methyl Iodide	4.589	142	141017	49.017	ug/l #	87
11) Tert butyl alcohol	5.524	59	120515	281.745	ug/l	97
12) 1,1-Dichloroethene	4.336	96	116043	46.607	ug/l	82
13) Acrolein	4.177	56	79918	211.117	ug/l	93
14) Allyl chloride	5.018	41	142654	45.539	ug/l	92
15) Acrylonitrile	5.718	53	283728	247.087	ug/l	99
16) Acetone	4.424	43	264670	202.587	ug/l	95
17) Carbon Disulfide	4.712	76	315287	42.409	ug/l	99
18) Methyl Acetate	5.024	43	196850	46.896	ug/l	94
19) Methyl tert-butyl Ether	5.795	73	426947	48.556	ug/l	97
20) Methylene Chloride	5.271	84	133495	48.794	ug/l	94
21) trans-1,2-Dichloroethene	5.789	96	127408	46.579	ug/l #	82
22) Diisopropyl ether	6.671	45	329912	47.602	ug/l	96
23) Vinyl Acetate	6.606	43	1012933	243.106	ug/l #	91
24) 1,1-Dichloroethane	6.571	63	232495	46.058	ug/l	97
25) 2-Butanone	7.483	43	348240	224.350	ug/l	90
26) 2,2-Dichloropropane	7.494	77	243034	48.528	ug/l	94
27) cis-1,2-Dichloroethene	7.489	96	145541	46.931	ug/l	86
28) Bromochloromethane	7.818	49	98960	49.867	ug/l	95
29) Tetrahydrofuran	7.841	42	215038	258.042	ug/l	94
30) Chloroform	7.965	83	271638	48.145	ug/l	94
31) Cyclohexane	8.259	56	179621	42.462	ug/l	91
32) 1,1,1-Trichloroethane	8.171	97	268536	48.805	ug/l	98
36) 1,1-Dichloropropene	8.377	75	191010	49.082	ug/l	95
37) Ethyl Acetate	7.565	43	136264	50.479	ug/l	99
38) Carbon Tetrachloride	8.365	117	250725	50.769	ug/l	99
39) Methylcyclohexane	9.606	83	187806	50.050	ug/l	89
40) Benzene	8.606	78	523383	47.320	ug/l	99

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41) Methacrylonitrile	7.783	41	75110	50.667	ug/l	94
42) 1,2-Dichloroethane	8.671	62	227843	50.350	ug/l	95
43) Isopropyl Acetate	8.694	43	247257	47.070	ug/l	97
44) Trichloroethene	9.353	130	136025	46.884	ug/l	96
45) 1,2-Dichloropropane	9.624	63	124063	48.266	ug/l	89
46) Dibromomethane	9.712	93	100066	51.429	ug/l	94
47) Bromodichloromethane	9.894	83	214515	50.120	ug/l	93
48) Methyl methacrylate	9.683	41	142854	52.771	ug/l	91
49) 1,4-Dioxane	9.700	88	51380	1140.885	ug/l #	93
51) 4-Methyl-2-Pentanone	10.447	43	728625	267.917	ug/l	98
52) Toluene	10.635	92	345387	49.897	ug/l	98
53) t-1,3-Dichloropropene	10.841	75	224828	51.128	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	230500	51.307	ug/l	94
55) 1,1,2-Trichloroethane	11.018	97	133033	50.355	ug/l	99
56) Ethyl methacrylate	10.877	69	149629	55.440	ug/l	90
57) 1,3-Dichloropropane	11.165	76	226237	49.047	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	423054	278.233	ug/l	97
59) 2-Hexanone	11.200	43	559522	256.033	ug/l	95
60) Dibromochloromethane	11.365	129	162777	51.464	ug/l	99
61) 1,2-Dibromoethane	11.471	107	133344	49.474	ug/l	99
64) Tetrachloroethene	11.106	164	122047	48.116	ug/l	94
65) Chlorobenzene	11.894	112	362260	48.101	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	147531	50.480	ug/l	94
67) Ethyl Benzene	11.965	91	672531	50.184	ug/l	97
68) m/p-Xylenes	12.076	106	501500	102.636	ug/l	88
69) o-Xylene	12.400	106	237940	51.672	ug/l	87
70) Styrene	12.418	104	361631	52.763	ug/l #	91
71) Bromoform	12.582	173	114260	52.719	ug/l #	99
73) Isopropylbenzene	12.700	105	646082	48.712	ug/l	99
74) N-amyl acetate	12.494	43	201922	48.819	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.941	83	182985	46.096	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	182252m	43.580	ug/l	
77) Bromobenzene	12.982	156	153457	45.891	ug/l	99
78) n-propylbenzene	13.041	91	732397	49.381	ug/l	99
79) 2-Chlorotoluene	13.129	91	463296	48.095	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	565671	48.994	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.741	75	59648	48.189	ug/l #	82
82) 4-Chlorotoluene	13.223	91	472753	47.906	ug/l	96
83) tert-Butylbenzene	13.441	119	441293	47.662	ug/l	93
84) 1,2,4-Trimethylbenzene	13.488	105	575416	50.614	ug/l	96
85) sec-Butylbenzene	13.618	105	578725	49.410	ug/l	99
86) p-Isopropyltoluene	13.735	119	531931	50.840	ug/l	96
87) 1,3-Dichlorobenzene	13.741	146	275786	45.776	ug/l	99
88) 1,4-Dichlorobenzene	13.818	146	279308	46.132	ug/l	98
89) n-Butylbenzene	14.059	91	430803	49.193	ug/l	100
90) Hexachloroethane	14.335	117	96611	47.364	ug/l	70
91) 1,2-Dichlorobenzene	14.112	146	267830	46.456	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	45040	48.848	ug/l	91
93) 1,2,4-Trichlorobenzene	15.400	180	148704	44.348	ug/l	97
94) Hexachlorobutadiene	15.506	225	81202	42.081	ug/l	99
95) Naphthalene	15.647	128	435074	44.745	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	142914	45.471	ug/l	97

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

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