

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112723\
 Data File : VN080287.D
 Acq On : 27 Nov 2023 19:57
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Nov 28 02:11:33 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 11/28/2023
 Supervised By : Mahesh Dadoda 11/28/2023

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	239880	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	374526	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	342701	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	168930	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	194256	49.045	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.080%		
35) Dibromofluoromethane	8.171	113	145771	52.749	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	105.500%		
50) Toluene-d8	10.571	98	512083	51.404	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	102.800%		
62) 4-Bromofluorobenzene	12.853	95	194077	51.578	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	103.160%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.124	85	148107	41.450	ug/l	100
3) Chloromethane	2.365	50	108936	40.550	ug/l	100
4) Vinyl Chloride	2.512	62	122272	43.009	ug/l	99
5) Bromomethane	2.947	94	79558	41.222	ug/l	93
6) Chloroethane	3.118	64	79337	44.887	ug/l	99
7) Trichlorofluoromethane	3.495	101	251737	42.447	ug/l	97
8) Diethyl Ether	3.959	74	75444	43.742	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.377	101	116231	42.879	ug/l	94
10) Methyl Iodide	4.589	142	131301	44.821	ug/l #	84
11) Tert butyl alcohol	5.512	59	105621	242.492	ug/l	99
12) 1,1-Dichloroethene	4.336	96	110419	43.552	ug/l	87
13) Acrolein	4.177	56	99666	258.558	ug/l	98
14) Allyl chloride	5.030	41	139194	43.637	ug/l	95
15) Acrylonitrile	5.712	53	268161	229.337	ug/l	99
16) Acetone	4.424	43	218027	163.889	ug/l	98
17) Carbon Disulfide	4.712	76	279347	36.900	ug/l	99
18) Methyl Acetate	5.024	43	191877	44.890	ug/l	95
19) Methyl tert-butyl Ether	5.794	73	416067	46.469	ug/l	98
20) Methylene Chloride	5.277	84	131550	47.220	ug/l	96
21) trans-1,2-Dichloroethene	5.788	96	118581	42.574	ug/l #	83
22) Diisopropyl ether	6.671	45	326397	46.249	ug/l	96
23) Vinyl Acetate	6.600	43	1089152m	256.705	ug/l	
24) 1,1-Dichloroethane	6.571	63	226402	44.046	ug/l	97
25) 2-Butanone	7.482	43	311155	196.859	ug/l	92
26) 2,2-Dichloropropane	7.488	77	206630	40.518	ug/l	98
27) cis-1,2-Dichloroethene	7.494	96	140292	44.426	ug/l	89
28) Bromochloromethane	7.812	49	94415	46.722	ug/l	98
29) Tetrahydrofuran	7.835	42	196311	231.340	ug/l	92
30) Chloroform	7.965	83	259505	45.169	ug/l	96
31) Cyclohexane	8.259	56	165013	38.309	ug/l	94
32) 1,1,1-Trichloroethane	8.171	97	250058	44.631	ug/l	97
36) 1,1-Dichloropropene	8.377	75	175566	43.880	ug/l	96
37) Ethyl Acetate	7.565	43	121980	43.953	ug/l #	95
38) Carbon Tetrachloride	8.359	117	225469	44.407	ug/l	98
39) Methylcyclohexane	9.606	83	161236	41.795	ug/l	91
40) Benzene	8.606	78	506924	44.579	ug/l	99

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41) Methacrylonitrile	7.777	41	70871	46.501	ug/l	93
42) 1,2-Dichloroethane	8.671	62	212413	45.658	ug/l	96
43) Isopropyl Acetate	8.688	43	215701	39.940	ug/l	99
44) Trichloroethene	9.353	130	133092	44.619	ug/l	98
45) 1,2-Dichloropropane	9.624	63	121470	45.966	ug/l	95
46) Dibromomethane	9.712	93	91917	45.950	ug/l	90
47) Bromodichloromethane	9.888	83	207981	47.266	ug/l	97
48) Methyl methacrylate	9.682	41	127770	45.909	ug/l	93
49) 1,4-Dioxane	9.694	88	42122	909.753	ug/l #	88
51) 4-Methyl-2-Pentanone	10.447	43	643661	230.208	ug/l	99
52) Toluene	10.635	92	322802	45.360	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	204091	45.144	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	219138	47.445	ug/l	95
55) 1,1,2-Trichloroethane	11.018	97	127108	46.797	ug/l	99
56) Ethyl methacrylate	10.876	69	136087	49.045	ug/l	95
57) 1,3-Dichloropropane	11.165	76	218486	46.072	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	384679	246.081	ug/l	97
59) 2-Hexanone	11.200	43	478608	213.023	ug/l	97
60) Dibromochloromethane	11.359	129	156275	48.058	ug/l	99
61) 1,2-Dibromoethane	11.470	107	127046	45.849	ug/l	97
64) Tetrachloroethene	11.106	164	137045	52.400	ug/l	97
65) Chlorobenzene	11.894	112	345177	44.451	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	141048	46.806	ug/l	94
67) Ethyl Benzene	11.965	91	619899	44.862	ug/l	96
68) m/p-Xylenes	12.070	106	463605	92.019	ug/l	88
69) o-Xylene	12.400	106	223074	46.982	ug/l	88
70) Styrene	12.412	104	336242	47.579	ug/l	93
71) Bromoform	12.576	173	103705	46.406	ug/l #	99
73) Isopropylbenzene	12.700	105	598079	45.561	ug/l	98
74) N-amyl acetate	12.494	43	172034	42.025	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.941	83	162114	41.262	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	162127m	39.170	ug/l	
77) Bromobenzene	12.982	156	146710	44.328	ug/l	97
78) n-propylbenzene	13.041	91	656489	44.723	ug/l	99
79) 2-Chlorotoluene	13.129	91	424270	44.501	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	512325	44.834	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.741	75	51641	42.153	ug/l	88
82) 4-Chlorotoluene	13.223	91	434940	44.531	ug/l	96
83) tert-Butylbenzene	13.441	119	425811	46.467	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	511407	45.450	ug/l	97
85) sec-Butylbenzene	13.617	105	524460	45.242	ug/l	99
86) p-Isopropyltoluene	13.735	119	483248	46.666	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	256008	42.934	ug/l	100
88) 1,4-Dichlorobenzene	13.812	146	252852	42.196	ug/l	97
89) n-Butylbenzene	14.059	91	382427	44.122	ug/l	100
90) Hexachloroethane	14.335	117	85946	42.572	ug/l	73
91) 1,2-Dichlorobenzene	14.106	146	250057	43.823	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	37215	40.780	ug/l	96
93) 1,2,4-Trichlorobenzene	15.394	180	131285	39.559	ug/l	97
94) Hexachlorobutadiene	15.506	225	73413	38.440	ug/l	98
95) Naphthalene	15.641	128	372664	38.724	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	125282	40.275	ug/l	96

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

