

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111821\
 Data File : VN069569.D
 Acq On : 18 Nov 2021 22:58
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Nov 19 03:21:57 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110921W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 09 18:18:22 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 11/19/2021
 Supervised By : Semsettin Yesilyurt 11/19/2021

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

Internal Standards						
1) Pentafluorobenzene	8.085	168	1028010	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1721955	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	1643257	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	704347	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	774354	51.951	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 103.900%			
35) Dibromofluoromethane	8.024	113	558038	54.034	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 108.060%			
50) Toluene-d8	10.443	98	2113206	52.026	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 104.060%			
62) 4-Bromofluorobenzene	12.731	95	812272	54.436	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 108.880%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.073	85	493068	44.895	ug/l	99
3) Chloromethane	2.303	50	547694	43.000	ug/l	99
4) Vinyl Chloride	2.445	62	550486	43.164	ug/l	98
5) Bromomethane	2.826	94	427215	51.579	ug/l	99
6) Chloroethane	3.000	64	359494	41.762	ug/l	98
7) Trichlorofluoromethane	3.365	101	812071	41.200	ug/l	98
8) Diethyl Ether	3.818	74	315126	49.415	ug/l	82
9) 1,1,2-Trichlorotrifluo...	4.199	101	437012	47.068	ug/l	95
10) Methyl Iodide	4.414	142	565689	49.674	ug/l	97
11) Tert butyl alcohol	5.393	59	752515	280.170	ug/l	98
12) 1,1-Dichloroethene	4.170	96	388471	46.624	ug/l	92
13) Acrolein	4.041	56	142985	379.351	ug/l	99
14) Allyl chloride	4.835	41	888750	48.246	ug/l	94
15) Acrylonitrile	5.559	53	1943826	282.607	ug/l	100
16) Acetone	4.291	43	1804084	224.327	ug/l	98
17) Carbon Disulfide	4.521	76	742953	37.723	ug/l	99
18) Methyl Acetate	4.856	43	1378789	52.741	ug/l	93
19) Methyl tert-butyl Ether	5.618	73	1830031	51.899	ug/l	97
20) Methylene Chloride	5.092	84	530957	46.559	ug/l	89
21) trans-1,2-Dichloroethene	5.594	96	434770	46.718	ug/l	88
22) Diisopropyl ether	6.500	45	2055575	51.802	ug/l	94
23) Vinyl Acetate	6.436	43	8099131	263.892	ug/l	95
24) 1,1-Dichloroethane	6.388	63	990546	49.009	ug/l	99
25) 2-Butanone	7.340	43	2944185	270.362	ug/l	94
26) 2,2-Dichloropropane	7.327	77	653432	41.321	ug/l	99
27) cis-1,2-Dichloroethene	7.327	96	573823	49.740	ug/l	89
28) Bromochloromethane	7.659	49	577867	55.830	ug/l #	82
29) Tetrahydrofuran	7.689	42	1907317	285.406	ug/l	90
30) Chloroform	7.820	83	1056912	51.008	ug/l	98
31) Cyclohexane	8.096	56	854948	41.984	ug/l	89
32) 1,1,1-Trichloroethane	8.016	97	869031	50.246	ug/l	96
36) 1,1-Dichloropropene	8.222	75	690480	47.655	ug/l	97
37) Ethyl Acetate	7.418	43	1130805	57.735	ug/l	96
38) Carbon Tetrachloride	8.206	117	699052	49.973	ug/l	100
39) Methylcyclohexane	9.461	83	806216	44.730	ug/l	91
40) Benzene	8.461	78	2206509	49.337	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	554106	54.751	ug/l	91
42) 1,2-Dichloroethane	8.531	62	905760	51.723	ug/l	97
43) Isopropyl Acetate	8.563	43	1721039	54.706	ug/l	94
44) Trichloroethene	9.217	130	528027	49.332	ug/l	90
45) 1,2-Dichloropropane	9.491	63	618910	51.797	ug/l	98
46) Dibromomethane	9.579	93	407416	50.906	ug/l	93
47) Bromodichloromethane	9.762	83	790623	52.939	ug/l	99
48) Methyl methacrylate	9.561	41	810500	54.759	ug/l	90
49) 1,4-Dioxane	9.571	88	312844	1063.948	ug/l #	86
51) 4-Methyl-2-Pentanone	10.333	43	6037353	297.313	ug/l	96
52) Toluene	10.507	92	1407426	50.515	ug/l	99
53) t-1,3-Dichloropropene	10.719	75	813381	44.596	ug/l	98
54) cis-1,3-Dichloropropene	10.191	75	877647	45.517	ug/l #	88
55) 1,1,2-Trichloroethane	10.899	97	600397	53.458	ug/l	97
56) Ethyl methacrylate	10.762	69	1034858	48.939	ug/l	86
57) 1,3-Dichloropropane	11.046	76	1042920	52.844	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.043	63	1198941	223.006	ug/l	93
59) 2-Hexanone	11.087	43	4467204	260.212	ug/l	94
60) Dibromochloromethane	11.240	129	583244	47.444	ug/l	99
61) 1,2-Dibromoethane	11.347	107	620405	49.501	ug/l	99
64) Tetrachloroethene	10.979	164	486282	49.010	ug/l	96
65) Chlorobenzene	11.771	112	1540746	50.373	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.843	131	569910	53.719	ug/l	99
67) Ethyl Benzene	11.846	91	2831469	50.193	ug/l	96
68) m/p-Xylenes	11.956	106	2065747	99.566	ug/l	93
69) o-Xylene	12.283	106	1055665	51.038	ug/l	94
70) Styrene	12.296	104	1755823	47.362	ug/l	97
71) Bromoform	12.460	173	426035	46.506	ug/l #	100
73) Isopropylbenzene	12.580	105	2798372	49.899	ug/l	99
74) N-amyl acetate	12.390	43	1326232	55.802	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.827	83	1004510	53.108	ug/l	99
76) 1,2,3-Trichloropropane	12.881	75	852692m	52.458	ug/l	
77) Bromobenzene	12.862	156	657072	51.231	ug/l	79
78) n-propylbenzene	12.921	91	3162521	50.117	ug/l	96
79) 2-Chlorotoluene	13.007	91	1956618	50.078	ug/l	94
80) 1,3,5-Trimethylbenzene	13.061	105	2284765	50.395	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.626	75	245994	45.621	ug/l	92
82) 4-Chlorotoluene	13.106	91	1854014	49.777	ug/l	94
83) tert-Butylbenzene	13.323	119	2055631	51.741	ug/l	94
84) 1,2,4-Trimethylbenzene	13.369	105	2234002	51.042	ug/l	98
85) sec-Butylbenzene	13.503	105	2831729	51.023	ug/l	98
86) p-Isopropyltoluene	13.618	119	2244346	50.942	ug/l	97
87) 1,3-Dichlorobenzene	13.616	146	1113911	50.094	ug/l	97
88) 1,4-Dichlorobenzene	13.696	146	1072164	49.149	ug/l	96
89) n-Butylbenzene	13.943	91	1799356	48.976	ug/l	98
90) Hexachloroethane	14.211	117	382045	47.299	ug/l	87
91) 1,2-Dichlorobenzene	13.989	146	1098007	51.893	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.605	75	187137	53.100	ug/l	80
93) 1,2,4-Trichlorobenzene	15.265	180	512548	46.465	ug/l	98
94) Hexachlorobutadiene	15.370	225	283261	51.522	ug/l	99
95) Naphthalene	15.507	128	1612676	51.437	ug/l	100
96) 1,2,3-Trichlorobenzene	15.702	180	528499	49.860	ug/l	98

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

