

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011022\
 Data File : VN070557.D
 Acq On : 10 Jan 2022 21:06
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/11/2022
 Supervised By : Mahesh Dadoda 01/12/2022

Quant Time: Jan 11 06:08:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 27 18:47:12 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	1065070	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	1799174	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.741	117	1674353	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	733227	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	680000	44.405	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	88.800%		
35) Dibromofluoromethane	8.018	113	508709	46.731	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	93.460%		
50) Toluene-d8	10.440	98	2051183	46.125	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	92.260%		
62) 4-Bromofluorobenzene	12.728	95	761588	47.417	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	94.840%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.073	85	463048	38.337	ug/l	99
3) Chloromethane	2.303	50	671014	40.840	ug/l	98
4) Vinyl Chloride	2.448	62	629386	42.073	ug/l	98
5) Bromomethane	2.853	94	346544	44.883	ug/l	100
6) Chloroethane	3.022	64	379740	42.152	ug/l	99
7) Trichlorofluoromethane	3.381	101	697341	38.730	ug/l	99
8) Diethyl Ether	3.824	74	366356	46.156	ug/l	82
9) 1,1,2-Trichlorotrifluo...	4.213	101	483215	43.878	ug/l	95
10) Methyl Iodide	4.422	142	686267	46.047	ug/l	97
11) Tert butyl alcohol	5.369	59	552635	216.736	ug/l	98
12) 1,1-Dichloroethene	4.183	96	476983	43.973	ug/l	92
13) Acrolein	4.041	56	370544	179.104	ug/l	99
14) Allyl chloride	4.843	41	1124820	45.737	ug/l #	84
15) Acrylonitrile	5.551	53	1902116	239.057	ug/l	99
16) Acetone	4.285	43	1692503	170.256	ug/l	98
17) Carbon Disulfide	4.532	76	1194712	40.349	ug/l	99
18) Methyl Acetate	4.851	43	1313495	45.677	ug/l	92
19) Methyl tert-butyl Ether	5.615	73	1904836	47.286	ug/l	95
20) Methylene Chloride	5.095	84	592096	43.049	ug/l	88
21) trans-1,2-Dichloroethene	5.597	96	501390	43.656	ug/l	87
22) Diisopropyl ether	6.495	45	2294015	47.890	ug/l	91
23) Vinyl Acetate	6.433	43	9027336	242.896	ug/l	95
24) 1,1-Dichloroethane	6.385	63	1119550	45.075	ug/l	98
25) 2-Butanone	7.332	43	2674943	213.707	ug/l	93
26) 2,2-Dichloropropane	7.324	77	821019	41.901	ug/l	98
27) cis-1,2-Dichloroethene	7.324	96	627538	45.792	ug/l	89
28) Bromochloromethane	7.656	49	610369	50.249	ug/l #	77
29) Tetrahydrofuran	7.683	42	1751986	234.599	ug/l	88
30) Chloroform	7.817	83	1047757	43.727	ug/l	99
31) Cyclohexane	8.094	56	1041462	43.097	ug/l	87
32) 1,1,1-Trichloroethane	8.013	97	867997	42.962	ug/l	98
36) 1,1-Dichloropropene	8.220	75	777523	43.176	ug/l	96
37) Ethyl Acetate	7.410	43	1062599	45.522	ug/l	97
38) Carbon Tetrachloride	8.206	117	687152	39.960	ug/l	100
39) Methylcyclohexane	9.459	83	937526	43.002	ug/l	89
40) Benzene	8.458	78	2478538	44.894	ug/l	100

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41) Methacrylonitrile	7.632	41	541784	46.404	ug/l	89
42) 1,2-Dichloroethane	8.528	62	848663	40.896	ug/l	99
43) Isopropyl Acetate	8.558	43	1718535	46.697	ug/l	96
44) Trichloroethene	9.215	130	565367	43.098	ug/l	91
45) 1,2-Dichloropropane	9.488	63	696189	46.835	ug/l	99
46) Dibromomethane	9.574	93	402009	43.492	ug/l	95
47) Bromodichloromethane	9.759	83	803788	43.795	ug/l	100
48) Methyl methacrylate	9.558	41	781581	44.524	ug/l #	85
49) 1,4-Dioxane	9.566	88	216462	842.387	ug/l #	85
51) 4-Methyl-2-Pentanone	10.328	43	5440075	235.246	ug/l	98
52) Toluene	10.502	92	1508818	45.150	ug/l	97
53) t-1,3-Dichloropropene	10.717	75	924864	46.548	ug/l	99
54) cis-1,3-Dichloropropene	10.188	75	1015844	47.263	ug/l	98
55) 1,1,2-Trichloroethane	10.896	97	603786	45.665	ug/l	98
56) Ethyl methacrylate	10.759	69	1069108	48.936	ug/l	89
57) 1,3-Dichloropropane	11.041	76	1078094	46.100	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.038	63	2145715	374.546	ug/l	90
59) 2-Hexanone	11.084	43	4273702	253.424	ug/l	97
60) Dibromochloromethane	11.237	129	586340	45.451	ug/l	100
61) 1,2-Dibromoethane	11.344	107	612220	45.602	ug/l	99
64) Tetrachloroethene	10.974	164	483718	39.895	ug/l	97
65) Chlorobenzene	11.768	112	1568269	44.144	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.838	131	554453	43.717	ug/l	99
67) Ethyl Benzene	11.843	91	2943050	45.214	ug/l	96
68) m/p-Xylenes	11.950	106	2161709	91.235	ug/l	94
69) o-Xylene	12.277	106	1085368	46.054	ug/l	94
70) Styrene	12.291	104	1782923	47.799	ug/l	97
71) Bromoform	12.454	173	423097	44.950	ug/l #	100
73) Isopropylbenzene	12.575	105	2807412	41.230	ug/l	98
74) N-amyl acetate	12.385	43	1401106	48.938	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.825	83	946908	41.734	ug/l	99
76) 1,2,3-Trichloropropane	12.878	75	896107m	41.758	ug/l	
77) Bromobenzene	12.857	156	639705	40.921	ug/l	76
78) n-propylbenzene	12.918	91	3240230	42.949	ug/l	96
79) 2-Chlorotoluene	13.004	91	1962577	40.543	ug/l	93
80) 1,3,5-Trimethylbenzene	13.058	105	2300802	42.166	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.623	75	296087	49.337	ug/l	93
82) 4-Chlorotoluene	13.101	91	1922104	42.390	ug/l	92
83) tert-Butylbenzene	13.321	119	2029783	42.246	ug/l	96
84) 1,2,4-Trimethylbenzene	13.366	105	2263530	43.080	ug/l	98
85) sec-Butylbenzene	13.498	105	2821011	43.247	ug/l	97
86) p-Isopropyltoluene	13.613	119	2282818	44.551	ug/l	98
87) 1,3-Dichlorobenzene	13.613	146	1128835	43.136	ug/l	97
88) 1,4-Dichlorobenzene	13.694	146	1105488	42.825	ug/l	97
89) n-Butylbenzene	13.940	91	1992949	46.629	ug/l	97
90) Hexachloroethane	14.208	117	352769	39.629	ug/l	92
91) 1,2-Dichlorobenzene	13.986	146	1103370	43.009	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.600	75	173907	44.089	ug/l	84
93) 1,2,4-Trichlorobenzene	15.260	180	603196	49.900	ug/l	98
94) Hexachlorobutadiene	15.367	225	322729	45.938	ug/l	98
95) Naphthalene	15.501	128	1803596	53.844	ug/l	100
96) 1,2,3-Trichlorobenzene	15.697	180	586925	50.749	ug/l	98

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

