

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010622\
 Data File : VN070508.D
 Acq On : 6 Jan 2022 10:13
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/10/2022
 Supervised By : Mahesh Dadoda 01/11/2022

Quant Time: Jan 08 01:34:40 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	8.083	168	935473	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	1497797	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.741	117	1411692	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	618656	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	616413	45.829	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	91.660%
35) Dibromofluoromethane	8.019	113	457564	50.490	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	100.980%
50) Toluene-d8	10.438	98	1878170	50.733	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	101.460%
62) 4-Bromofluorobenzene	12.728	95	698644	52.250	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	104.500%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	478880	45.140	ug/l	99
3) Chloromethane	2.303	50	676561	46.882	ug/l	100
4) Vinyl Chloride	2.448	62	602060	45.822	ug/l	98
5) Bromomethane	2.850	94	325957	48.065	ug/l	97
6) Chloroethane	3.019	64	370096	46.773	ug/l	96
7) Trichlorofluoromethane	3.379	101	739150	46.739	ug/l	98
8) Diethyl Ether	3.824	74	345258	49.524	ug/l	77
9) 1,1,2-Trichlorotrifluo...	4.210	101	493277	50.997	ug/l	94
10) Methyl Iodide	4.419	142	633599	48.402	ug/l	98
11) Tert butyl alcohol	5.371	59	499658	223.107	ug/l	97
12) 1,1-Dichloroethene	4.181	96	464223	48.725	ug/l	93
13) Acrolein	4.041	56	371458	204.419	ug/l	98
14) Allyl chloride	4.838	41	1095496	50.716	ug/l #	84
15) Acrylonitrile	5.551	53	1818631	260.229	ug/l	98
16) Acetone	4.283	43	2233878	255.846	ug/l	98
17) Carbon Disulfide	4.529	76	1210720	46.555	ug/l	99
18) Methyl Acetate	4.851	43	1235008	48.898	ug/l	92
19) Methyl tert-butyl Ether	5.613	73	1783890	50.418	ug/l	93
20) Methylene Chloride	5.093	84	590343	48.868	ug/l #	86
21) trans-1,2-Dichloroethene	5.597	96	500840	49.649	ug/l	87
22) Diisopropyl ether	6.493	45	2233338	53.083	ug/l #	92
23) Vinyl Acetate	6.431	43	8533606	261.421	ug/l #	94
24) 1,1-Dichloroethane	6.385	63	1096084	50.244	ug/l	98
25) 2-Butanone	7.332	43	2881907	262.138	ug/l	91
26) 2,2-Dichloropropane	7.321	77	818583	47.565	ug/l	98
27) cis-1,2-Dichloroethene	7.324	96	612465	50.883	ug/l	87
28) Bromochloromethane	7.654	49	521869	48.915	ug/l #	76
29) Tetrahydrofuran	7.681	42	1677680	255.771	ug/l	86
30) Chloroform	7.815	83	1038414	49.341	ug/l	99
31) Cyclohexane	8.091	56	1050448	49.491	ug/l	85
32) 1,1,1-Trichloroethane	8.011	97	837179	47.178	ug/l	96
36) 1,1-Dichloropropene	8.220	75	780591	52.068	ug/l	96
37) Ethyl Acetate	7.407	43	987670	50.826	ug/l	97
38) Carbon Tetrachloride	8.204	117	686928	47.985	ug/l	99
39) Methylcyclohexane	9.456	83	965292	53.185	ug/l	89
40) Benzene	8.456	78	2413607	52.514	ug/l	99

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41) Methacrylonitrile	7.632	41	528709	54.396	ug/l #	87
42) 1,2-Dichloroethane	8.528	62	848275	49.103	ug/l	99
43) Isopropyl Acetate	8.558	43	1585349	51.745	ug/l #	95
44) Trichloroethene	9.215	130	560475	51.322	ug/l	93
45) 1,2-Dichloropropane	9.486	63	680618	55.000	ug/l	100
46) Dibromomethane	9.574	93	396773	51.563	ug/l	95
47) Bromodichloromethane	9.759	83	800916	52.419	ug/l	99
48) Methyl methacrylate	9.555	41	793978	54.331	ug/l #	79
49) 1,4-Dioxane	9.566	88	218070	1019.404	ug/l #	81
51) 4-Methyl-2-Pentanone	10.328	43	5202629	270.247	ug/l	97
52) Toluene	10.502	92	1507592	54.191	ug/l	97
53) t-1,3-Dichloropropene	10.717	75	883603	53.419	ug/l	99
54) cis-1,3-Dichloropropene	10.186	75	983199	54.948	ug/l	96
55) 1,1,2-Trichloroethane	10.894	97	586896	53.319	ug/l	98
56) Ethyl methacrylate	10.757	69	991078	54.492	ug/l	88
57) 1,3-Dichloropropane	11.041	76	1048597	53.860	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.038	63	1104950	238.745	ug/l	90
59) 2-Hexanone	11.081	43	3945542	281.042	ug/l	95
60) Dibromochloromethane	11.234	129	578991	53.912	ug/l	100
61) 1,2-Dibromoethane	11.344	107	583675	52.224	ug/l	100
64) Tetrachloroethene	10.974	164	497249	48.642	ug/l	95
65) Chlorobenzene	11.768	112	1558195	52.021	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.838	131	544001	50.874	ug/l	98
67) Ethyl Benzene	11.843	91	2928799	53.367	ug/l	96
68) m/p-Xylenes	11.950	106	2180051	109.128	ug/l	94
69) o-Xylene	12.278	106	1078948	54.300	ug/l	94
70) Styrene	12.291	104	1786398	56.803	ug/l	97
71) Bromoform	12.455	173	425736	53.646	ug/l #	99
73) Isopropylbenzene	12.575	105	2837795	49.395	ug/l	99
74) N-amyl acetate	12.385	43	1186403	49.114	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.825	83	919964	48.712	ug/l	98
76) 1,2,3-Trichloropropane	12.878	75	859521m	47.097	ug/l	
77) Bromobenzene	12.857	156	644391	48.855	ug/l	78
78) n-propylbenzene	12.916	91	3310393	52.005	ug/l	96
79) 2-Chlorotoluene	13.004	91	1997280	48.901	ug/l	93
80) 1,3,5-Trimethylbenzene	13.055	105	2329893	50.607	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.624	75	258680	51.086	ug/l	97
82) 4-Chlorotoluene	13.101	91	1947855	50.914	ug/l	93
83) tert-Butylbenzene	13.321	119	2031247	50.106	ug/l	95
84) 1,2,4-Trimethylbenzene	13.364	105	2284182	51.524	ug/l	98
85) sec-Butylbenzene	13.498	105	2875686	52.249	ug/l	97
86) p-Isopropyltoluene	13.613	119	2304791	53.309	ug/l	97
87) 1,3-Dichlorobenzene	13.613	146	1124309	50.919	ug/l	97
88) 1,4-Dichlorobenzene	13.691	146	1101448	50.570	ug/l	98
89) n-Butylbenzene	13.940	91	1910084	52.967	ug/l	96
90) Hexachloroethane	14.209	117	379347	50.507	ug/l	91
91) 1,2-Dichlorobenzene	13.986	146	1080552	49.919	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.600	75	151258	45.448	ug/l	81
93) 1,2,4-Trichlorobenzene	15.260	180	519733	50.958	ug/l	99
94) Hexachlorobutadiene	15.367	225	320039	53.991	ug/l	99
95) Naphthalene	15.504	128	1264048	45.029	ug/l	100
96) 1,2,3-Trichlorobenzene	15.697	180	492525	50.478	ug/l	98

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

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