

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011022\
 Data File : VN070536.D
 Acq On : 10 Jan 2022 10:14
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Jan 10 17:27:12 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

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 01/11/2022
 Supervised By :Semsettin Yesilyurt 01/11/2022

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

Internal Standards						
1) Pentafluorobenzene	8.083	168	886031	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	1408354	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.741	117	1334501	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	583584	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	624917	49.054	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	98.100%
35) Dibromofluoromethane	8.019	113	473538	55.571	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	111.140%
50) Toluene-d8	10.438	98	1923299	55.251	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	110.500%
62) 4-Bromofluorobenzene	12.728	95	719207	57.204	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	114.400%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	464033	46.181	ug/l	99
3) Chloromethane	2.303	50	646245	47.280	ug/l	99
4) Vinyl Chloride	2.451	62	592635	47.622	ug/l	99
5) Bromomethane	2.851	94	316073	49.209	ug/l	99
6) Chloroethane	3.020	64	356787	47.607	ug/l	98
7) Trichlorofluoromethane	3.379	101	752001	50.205	ug/l	98
8) Diethyl Ether	3.824	74	341185	51.671	ug/l	80
9) 1,1,2-Trichlorotrifluo...	4.210	101	484375	52.871	ug/l	96
10) Methyl Iodide	4.422	142	636015	51.298	ug/l	98
11) Tert butyl alcohol	5.374	59	468160	220.707	ug/l	98
12) 1,1-Dichloroethene	4.183	96	456229	50.558	ug/l	93
13) Acrolein	4.039	56	330701	192.145	ug/l	100
14) Allyl chloride	4.838	41	1071977	52.396	ug/l #	84
15) Acrylonitrile	5.549	53	1765374	266.704	ug/l	99
16) Acetone	4.283	43	2490981	301.211	ug/l	98
17) Carbon Disulfide	4.529	76	1204937	48.918	ug/l	99
18) Methyl Acetate	4.851	43	1218037	50.917	ug/l	91
19) Methyl tert-butyl Ether	5.613	73	1761295	52.558	ug/l	94
20) Methylene Chloride	5.093	84	567935	49.636	ug/l	86
21) trans-1,2-Dichloroethene	5.594	96	493845	51.688	ug/l	87
22) Diisopropyl ether	6.493	45	2206033	55.360	ug/l #	91
23) Vinyl Acetate	6.431	43	8362466	270.474	ug/l #	94
24) 1,1-Dichloroethane	6.385	63	1079374	52.238	ug/l	98
25) 2-Butanone	7.329	43	2935510	281.914	ug/l	92
26) 2,2-Dichloropropane	7.321	77	828626	50.835	ug/l	97
27) cis-1,2-Dichloroethene	7.321	96	604768	53.048	ug/l	87
28) Bromochloromethane	7.654	49	552387	54.665	ug/l #	76
29) Tetrahydrofuran	7.681	42	1625618	261.663	ug/l #	87
30) Chloroform	7.815	83	1023476	51.344	ug/l	99
31) Cyclohexane	8.091	56	1032958	51.383	ug/l	86
32) 1,1,1-Trichloroethane	8.011	97	845229	50.289	ug/l	97
36) 1,1-Dichloropropene	8.217	75	771798	54.751	ug/l	96
37) Ethyl Acetate	7.410	43	953362	52.176	ug/l	97
38) Carbon Tetrachloride	8.204	117	698023	51.857	ug/l	100
39) Methylcyclohexane	9.456	83	955490	55.988	ug/l	89
40) Benzene	8.459	78	2368849	54.814	ug/l	99

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41) Methacrylonitrile	7.633	41	517404	56.614	ug/l #	86
42) 1,2-Dichloroethane	8.526	62	819441	50.446	ug/l	100
43) Isopropyl Acetate	8.558	43	1536564	53.338	ug/l #	96
44) Trichloroethene	9.212	130	545096	53.084	ug/l	90
45) 1,2-Dichloropropane	9.486	63	668078	57.415	ug/l	99
46) Dibromomethane	9.574	93	389227	53.795	ug/l	95
47) Bromodichloromethane	9.759	83	800385	55.711	ug/l	98
48) Methyl methacrylate	9.555	41	712698	51.866	ug/l #	82
49) 1,4-Dioxane	9.566	88	196824	978.520	ug/l #	80
51) 4-Methyl-2-Pentanone	10.328	43	5021292	277.393	ug/l	97
52) Toluene	10.502	92	1476516	56.445	ug/l	97
53) t-1,3-Dichloropropene	10.717	75	889242	57.175	ug/l	97
54) cis-1,3-Dichloropropene	10.186	75	981618	58.344	ug/l	97
55) 1,1,2-Trichloroethane	10.896	97	577888	55.835	ug/l	97
56) Ethyl methacrylate	10.760	69	976090	57.076	ug/l	89
57) 1,3-Dichloropropane	11.041	76	1026640	56.082	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.038	63	847680	198.198	ug/l	90
59) 2-Hexanone	11.082	43	3893298	294.933	ug/l	96
60) Dibromochloromethane	11.234	129	585037	57.934	ug/l	100
61) 1,2-Dibromoethane	11.342	107	578084	55.008	ug/l	98
64) Tetrachloroethene	10.974	164	492543	50.969	ug/l	96
65) Chlorobenzene	11.768	112	1535575	54.231	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.838	131	544610	53.877	ug/l	98
67) Ethyl Benzene	11.843	91	2892999	55.763	ug/l	96
68) m/p-Xylenes	11.950	106	2151659	113.937	ug/l	94
69) o-Xylene	12.278	106	1065408	56.720	ug/l	93
70) Styrene	12.291	104	1767288	59.446	ug/l	96
71) Bromoform	12.455	173	437306	58.292	ug/l #	100
73) Isopropylbenzene	12.575	105	2809665	51.844	ug/l	98
74) N-amyl acetate	12.385	43	1121853	49.232	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.825	83	914378	51.627	ug/l	98
76) 1,2,3-Trichloropropane	12.878	75	770496m	44.892	ug/l	
77) Bromobenzene	12.857	156	643936	51.754	ug/l	79
78) n-propylbenzene	12.919	91	3298755	54.937	ug/l	96
79) 2-Chlorotoluene	13.004	91	1988195	51.605	ug/l	93
80) 1,3,5-Trimethylbenzene	13.055	105	2329392	53.637	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.624	75	257717	53.955	ug/l	94
82) 4-Chlorotoluene	13.104	91	1931807	53.529	ug/l	92
83) tert-Butylbenzene	13.321	119	2033372	53.173	ug/l	95
84) 1,2,4-Trimethylbenzene	13.367	105	2277164	54.453	ug/l	98
85) sec-Butylbenzene	13.498	105	2901678	55.890	ug/l	97
86) p-Isopropyltoluene	13.613	119	2304321	56.502	ug/l	97
87) 1,3-Dichlorobenzene	13.613	146	1120771	53.809	ug/l	97
88) 1,4-Dichlorobenzene	13.691	146	1084073	52.764	ug/l	98
89) n-Butylbenzene	13.941	91	1937896	56.968	ug/l	97
90) Hexachloroethane	14.209	117	395345	55.800	ug/l	93
91) 1,2-Dichlorobenzene	13.986	146	1069531	52.380	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.600	75	147940	47.123	ug/l	82
93) 1,2,4-Trichlorobenzene	15.260	180	519559	54.003	ug/l	98
94) Hexachlorobutadiene	15.367	225	342732	61.295	ug/l	99
95) Naphthalene	15.504	128	1187387	44.848	ug/l	100
96) 1,2,3-Trichlorobenzene	15.697	180	486011	52.765	ug/l	99

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

