

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050323\
 Data File : VN077574.D
 Acq On : 03 May 2023 19:48
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 05/04/2023
 Supervised By :Mahesh Dadoda 05/04/2023

Quant Time: May 04 04:57:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042423W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:50:59 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.231	168	719850	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	1375392	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	1266630	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	529449	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	452749	48.200	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.400%		
35) Dibromofluoromethane	8.172	113	416653	50.401	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.800%		
50) Toluene-d8	10.572	98	1610116	50.820	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	101.640%		
62) 4-Bromofluorobenzene	12.848	95	568481	54.842	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	109.680%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.137	85	419480	45.676	ug/l	99
3) Chloromethane	2.372	50	292984	40.603	ug/l	98
4) Vinyl Chloride	2.525	62	439388	45.710	ug/l	97
5) Bromomethane	2.937	94	340995	40.952	ug/l	97
6) Chloroethane	3.119	64	289776	39.679	ug/l	97
7) Trichlorofluoromethane	3.496	101	676017	47.848	ug/l	100
8) Diethyl Ether	3.972	74	248778	48.457	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.378	101	382567	46.560	ug/l	99
10) Methyl Iodide	4.595	142	491526	48.691	ug/l	99
11) Tert butyl alcohol	5.537	59	344068	228.171	ug/l	99
12) 1,1-Dichloroethene	4.348	96	366689	45.646	ug/l	98
13) Acrolein	4.190	56	344785	229.843	ug/l	98
14) Allyl chloride	5.037	41	363989	40.754	ug/l #	88
15) Acrylonitrile	5.731	53	842260	246.214	ug/l	99
16) Acetone	4.437	43	601029	201.123	ug/l	97
17) Carbon Disulfide	4.725	76	786277	38.519	ug/l	99
18) Methyl Acetate	5.037	43	556062	48.185	ug/l	95
19) Methyl tert-butyl Ether	5.807	73	1340386	50.172	ug/l	98
20) Methylene Chloride	5.284	84	433534	45.746	ug/l	96
21) trans-1,2-Dichloroethene	5.795	96	399356	45.974	ug/l	95
22) Diisopropyl ether	6.684	45	950439	46.367	ug/l	95
23) Vinyl Acetate	6.613	43	2910305	227.342	ug/l	97
24) 1,1-Dichloroethane	6.578	63	688296	47.437	ug/l	99
25) 2-Butanone	7.489	43	971791	229.277	ug/l	96
26) 2,2-Dichloropropane	7.495	77	635488	45.169	ug/l	98
27) cis-1,2-Dichloroethene	7.489	96	506650	49.248	ug/l	96
28) Bromochloromethane	7.819	49	266120	48.028	ug/l	88
29) Tetrahydrofuran	7.842	42	614099	231.243	ug/l	94
30) Chloroform	7.972	83	832120	50.887	ug/l	96
31) Cyclohexane	8.266	56	537752	40.413	ug/l	91
32) 1,1,1-Trichloroethane	8.178	97	772049	51.355	ug/l	97
36) 1,1-Dichloropropene	8.378	75	564694	47.282	ug/l	99
37) Ethyl Acetate	7.566	43	401632	44.255	ug/l	98
38) Carbon Tetrachloride	8.366	117	657042	49.863	ug/l	99
39) Methylcyclohexane	9.607	83	735250	46.727	ug/l	97
40) Benzene	8.613	78	1766009	48.539	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.784	41	216871	45.882	ug/l	93
42) 1,2-Dichloroethane	8.672	62	589292	47.157	ug/l	97
43) Isopropyl Acetate	8.695	43	777807	49.541	ug/l	99
44) Trichloroethene	9.354	130	461749	49.568	ug/l	94
45) 1,2-Dichloropropane	9.625	63	408109	47.885	ug/l	97
46) Dibromomethane	9.713	93	332491	48.080	ug/l	97
47) Bromodichloromethane	9.889	83	676106	50.544	ug/l	97
48) Methyl methacrylate	9.683	41	318166	44.520	ug/l	94
49) 1,4-Dioxane	9.701	88	184693	1030.299	ug/l #	91
51) 4-Methyl-2-Pentanone	10.448	43	2157518	234.285	ug/l	97
52) Toluene	10.630	92	1224269	51.365	ug/l	100
53) t-1,3-Dichloropropene	10.836	75	708126	52.280	ug/l	97
54) cis-1,3-Dichloropropene	10.313	75	737664	50.034	ug/l	96
55) 1,1,2-Trichloroethane	11.019	97	485726	50.678	ug/l	97
56) Ethyl methacrylate	10.877	69	700756	52.178	ug/l #	91
57) 1,3-Dichloropropane	11.166	76	785756	51.468	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.166	63	1236469	272.197	ug/l	97
59) 2-Hexanone	11.195	43	1569670	234.493	ug/l	95
60) Dibromochloromethane	11.360	129	532830	53.566	ug/l	99
61) 1,2-Dibromoethane	11.472	107	513588	52.486	ug/l	98
64) Tetrachloroethene	11.107	164	356318	46.994	ug/l	97
65) Chlorobenzene	11.895	112	1309947	48.873	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.966	131	486110	49.849	ug/l	98
67) Ethyl Benzene	11.966	91	2360575	50.030	ug/l	99
68) m/p-Xylenes	12.071	106	1843030	100.503	ug/l	100
69) o-Xylene	12.401	106	939243	52.072	ug/l	99
70) Styrene	12.413	104	1522653	53.979	ug/l	98
71) Bromoform	12.583	173	334390	52.413	ug/l #	99
73) Isopropylbenzene	12.701	105	2429564	49.451	ug/l	100
74) N-amyl acetate	12.495	43	624216	42.915	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.942	83	717041	46.449	ug/l	100
76) 1,2,3-Trichloropropane	12.995	75	609788m	49.529	ug/l	
77) Bromobenzene	12.983	156	510456	47.672	ug/l	98
78) n-propylbenzene	13.036	91	2714029	49.960	ug/l	99
79) 2-Chlorotoluene	13.130	91	1638951	48.934	ug/l	99
80) 1,3,5-Trimethylbenzene	13.177	105	2026042	55.529	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.736	75	241697	55.462	ug/l	89
82) 4-Chlorotoluene	13.224	91	1570557	50.182	ug/l	99
83) tert-Butylbenzene	13.442	119	1754023	49.503	ug/l	100
84) 1,2,4-Trimethylbenzene	13.483	105	1959665	57.511	ug/l	100
85) sec-Butylbenzene	13.618	105	2520270	51.821	ug/l	100
86) p-Isopropyltoluene	13.730	119	1980456	52.926	ug/l	99
87) 1,3-Dichlorobenzene	13.736	146	923363	48.489	ug/l	99
88) 1,4-Dichlorobenzene	13.813	146	918684	48.860	ug/l	99
89) n-Butylbenzene	14.060	91	1640187	56.639	ug/l	100
90) Hexachloroethane	14.336	117	383111	46.342	ug/l	100
91) 1,2-Dichlorobenzene	14.107	146	923161	48.878	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.724	75	140578	49.246	ug/l	98
93) 1,2,4-Trichlorobenzene	15.395	180	340389	54.239	ug/l	98
94) Hexachlorobutadiene	15.501	225	184587	48.364	ug/l	97
95) Naphthalene	15.642	128	1747224	66.368	ug/l	100
96) 1,2,3-Trichlorobenzene	15.842	180	321036	54.523	ug/l	98

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

