

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031723\
 Data File : VN077034.D
 Acq On : 17 Mar 2023 14:32
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Mar 18 02:28:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031723W.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 18 02:17:37 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John Carlone 03/20/2023
 Supervised By :Mahesh Dadoda 03/20/2023

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

Internal Standards						
1) Pentafluorobenzene	8.231	168	343061	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	639017	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	580540	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	260117	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	269716	49.220	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.440%
35) Dibromofluoromethane	8.172	113	201767	45.086	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.180%
50) Toluene-d8	10.572	98	731434	45.755	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	91.520%
62) 4-Bromofluorobenzene	12.854	95	273621	48.439	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.880%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.137	85	145933	44.908	ug/l	97
3) Chloromethane	2.378	50	139159	40.260	ug/l	97
4) Vinyl Chloride	2.525	62	161461	43.276	ug/l	97
5) Bromomethane	2.954	94	121907	48.374	ug/l	95
6) Chloroethane	3.131	64	122536	51.904	ug/l	96
7) Trichlorofluoromethane	3.507	101	352328	43.897	ug/l	100
8) Diethyl Ether	3.972	74	156665	51.864	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.378	101	196553	43.171	ug/l	99
10) Methyl Iodide	4.601	142	253610	49.455	ug/l	96
11) Tert butyl alcohol	5.531	59	223749	280.211	ug/l	100
12) 1,1-Dichloroethene	4.354	96	186283	44.726	ug/l	92
13) Acrolein	4.190	56	259122	262.366	ug/l	99
14) Allyl chloride	5.037	41	412543	54.104	ug/l	94
15) Acrylonitrile	5.731	53	702875	261.837	ug/l	99
16) Acetone	4.437	43	579172	237.203	ug/l	100
17) Carbon Disulfide	4.725	76	536134	44.145	ug/l	97
18) Methyl Acetate	5.037	43	476791	51.784	ug/l	100
19) Methyl tert-butyl Ether	5.807	73	790649	52.893	ug/l	99
20) Methylene Chloride	5.290	84	255290	48.176	ug/l	100
21) trans-1,2-Dichloroethene	5.801	96	212415	47.053	ug/l	97
22) Diisopropyl ether	6.678	45	890584	53.309	ug/l	99
23) Vinyl Acetate	6.613	43	2880881	273.271	ug/l	100
24) 1,1-Dichloroethane	6.578	63	464290	48.567	ug/l	99
25) 2-Butanone	7.489	43	947146	265.172	ug/l	100
26) 2,2-Dichloropropane	7.495	77	341049	47.414	ug/l	100
27) cis-1,2-Dichloroethene	7.495	96	264688	51.193	ug/l	99
28) Bromochloromethane	7.819	49	178537	43.005	ug/l	98
29) Tetrahydrofuran	7.842	42	642594	277.631	ug/l	99
30) Chloroform	7.972	83	455121	49.051	ug/l	98
31) Cyclohexane	8.266	56	389681	43.463	ug/l	99
32) 1,1,1-Trichloroethane	8.178	97	369638	46.611	ug/l	99
36) 1,1-Dichloropropene	8.378	75	320468	45.848	ug/l	99
37) Ethyl Acetate	7.566	43	374412	50.065	ug/l	99
38) Carbon Tetrachloride	8.372	117	306890	45.076	ug/l	96
39) Methylcyclohexane	9.607	83	386404	47.229	ug/l	99
40) Benzene	8.613	78	1007427	47.524	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.784	41	200310	50.848	ug/l	93
42) 1,2-Dichloroethane	8.678	62	377758	49.315	ug/l	100
43) Isopropyl Acetate	8.695	43	608598	52.094	ug/l	100
44) Trichloroethene	9.354	130	217758	44.722	ug/l	93
45) 1,2-Dichloropropane	9.625	63	276885	49.179	ug/l	98
46) Dibromomethane	9.713	93	172400	48.553	ug/l	98
47) Bromodichloromethane	9.889	83	358177	48.096	ug/l	99
48) Methyl methacrylate	9.683	41	304735	54.562	ug/l	100
49) 1,4-Dioxane	9.695	88	104338	1093.773	ug/l	100
51) 4-Methyl-2-Pentanone	10.448	43	1926175	264.763	ug/l	100
52) Toluene	10.636	92	615747	48.649	ug/l	99
53) t-1,3-Dichloropropene	10.836	75	393621	53.928	ug/l	99
54) cis-1,3-Dichloropropene	10.313	75	429204	52.117	ug/l	96
55) 1,1,2-Trichloroethane	11.019	97	246723	49.433	ug/l	99
56) Ethyl methacrylate	10.877	69	417391	55.614	ug/l	100
57) 1,3-Dichloropropane	11.166	76	452762	49.548	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.166	63	896148	280.079	ug/l	100
59) 2-Hexanone	11.201	43	1400585	265.427	ug/l	98
60) Dibromochloromethane	11.360	129	256734	51.208	ug/l	99
61) 1,2-Dibromoethane	11.472	107	247820	50.071	ug/l	99
64) Tetrachloroethene	11.107	164	171896	44.119	ug/l	98
65) Chlorobenzene	11.895	112	618952	46.337	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.966	131	231308	46.799	ug/l	99
67) Ethyl Benzene	11.966	91	1169510	48.202	ug/l	98
68) m/p-Xylenes	12.071	106	876072	97.362	ug/l	100
69) o-Xylene	12.401	106	432067	48.326	ug/l	98
70) Styrene	12.413	104	727957	52.297	ug/l	100
71) Bromoform	12.577	173	171470	51.197	ug/l #	99
73) Isopropylbenzene	12.701	105	1109859	47.611	ug/l	100
74) N-amyl acetate	12.495	43	538544	53.375	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.942	83	378846	44.859	ug/l	99
76) 1,2,3-Trichloropropane	12.995	75	305261m	45.370	ug/l	
77) Bromobenzene	12.983	156	243917	46.710	ug/l	99
78) n-propylbenzene	13.042	91	1329095	49.391	ug/l	100
79) 2-Chlorotoluene	13.130	91	814728	47.515	ug/l	99
80) 1,3,5-Trimethylbenzene	13.177	105	969545	49.816	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.742	75	122818	50.245	ug/l	98
82) 4-Chlorotoluene	13.224	91	797822	48.930	ug/l	100
83) tert-Butylbenzene	13.442	119	784809	48.028	ug/l	99
84) 1,2,4-Trimethylbenzene	13.483	105	969455	49.915	ug/l	99
85) sec-Butylbenzene	13.618	105	1154134	49.651	ug/l	100
86) p-Isopropyltoluene	13.736	119	955689	51.197	ug/l	98
87) 1,3-Dichlorobenzene	13.736	146	461822	46.793	ug/l	99
88) 1,4-Dichlorobenzene	13.813	146	449974	45.825	ug/l	99
89) n-Butylbenzene	14.060	91	841053	51.359	ug/l	100
90) Hexachloroethane	14.336	117	172019	45.325	ug/l	98
91) 1,2-Dichlorobenzene	14.113	146	455101	46.261	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.724	75	76834	49.099	ug/l	98
93) 1,2,4-Trichlorobenzene	15.395	180	234351	52.696	ug/l	99
94) Hexachlorobutadiene	15.507	225	113266	46.247	ug/l	100
95) Naphthalene	15.648	128	814160	47.220	ug/l	99
96) 1,2,3-Trichlorobenzene	15.842	180	236063	52.901	ug/l	98

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QLast Update : Sat Mar 18 02:17:37 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

