

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051523\
 Data File : VN077681.D
 Acq On : 15 May 2023 21:10
 Operator : JC\MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICSVN051523

Quant Time: May 16 04:08:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 04:07:42 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 05/16/2023
 Supervised By : Mahesh Dadoda 05/16/2023

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	403320	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	744260	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	665707	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	290050	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	309297	51.253	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.500%			
35) Dibromofluoromethane	8.171	113	244837	50.448	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.900%			
50) Toluene-d8	10.571	98	949685	50.838	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.680%			
62) 4-Bromofluorobenzene	12.853	95	330291	50.063	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 100.120%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.130	85	228476	49.776	ug/l	100
3) Chloromethane	2.365	50	238894	49.054	ug/l	98
4) Vinyl Chloride	2.518	62	286179	49.452	ug/l	96
5) Bromomethane	2.953	94	193583	45.229	ug/l	99
6) Chloroethane	3.124	64	194351	46.600	ug/l	98
7) Trichlorofluoromethane	3.501	101	397593	49.299	ug/l	98
8) Diethyl Ether	3.971	74	141575	48.085	ug/l	81
9) 1,1,2-Trichlorotrifluo...	4.383	101	211571	47.403	ug/l	98
10) Methyl Iodide	4.600	142	275788	51.812	ug/l	97
11) Tert butyl alcohol	5.524	59	203927	244.856	ug/l	100
12) 1,1-Dichloroethene	4.342	96	206674	48.721	ug/l	87
13) Acrolein	4.183	56	141004	275.017	ug/l	99
14) Allyl chloride	5.030	41	293115	47.036	ug/l	92
15) Acrylonitrile	5.724	53	547056	245.862	ug/l	98
16) Acetone	4.436	43	441932	232.768	ug/l	96
17) Carbon Disulfide	4.718	76	518134	45.332	ug/l	99
18) Methyl Acetate	5.030	43	393743	49.435	ug/l	89
19) Methyl tert-butyl Ether	5.800	73	749695	48.826	ug/l	96
20) Methylene Chloride	5.283	84	252102	51.057	ug/l	90
21) trans-1,2-Dichloroethene	5.789	96	228620	47.978	ug/l	85
22) Diisopropyl ether	6.677	45	723268	49.516	ug/l	95
23) Vinyl Acetate	6.612	43	2202385	243.356	ug/l #	88
24) 1,1-Dichloroethane	6.571	63	449319	50.210	ug/l	96
25) 2-Butanone	7.488	43	718687	241.984	ug/l	88
26) 2,2-Dichloropropane	7.494	77	350177	46.060	ug/l	100
27) cis-1,2-Dichloroethene	7.488	96	282183	49.389	ug/l	91
28) Bromochloromethane	7.818	49	199148	51.457	ug/l	82
29) Tetrahydrofuran	7.841	42	483375	248.558	ug/l #	82
30) Chloroform	7.971	83	477482	48.505	ug/l	93
31) Cyclohexane	8.259	56	390643	47.628	ug/l	89
32) 1,1,1-Trichloroethane	8.177	97	419178	50.085	ug/l	97
36) 1,1-Dichloropropene	8.377	75	352081	49.598	ug/l	95
37) Ethyl Acetate	7.565	43	302103	47.748	ug/l	94
38) Carbon Tetrachloride	8.365	117	363846	50.759	ug/l	97
39) Methylcyclohexane	9.606	83	437261	50.315	ug/l	91
40) Benzene	8.612	78	1043523	49.815	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	165379	49.081	ug/l	91
42) 1,2-Dichloroethane	8.677	62	375591	49.359	ug/l	96
43) Isopropyl Acetate	8.694	43	511462	49.490	ug/l	94
44) Trichloroethene	9.359	130	259457	48.916	ug/l	97
45) 1,2-Dichloropropane	9.630	63	270818	50.685	ug/l	98
46) Dibromomethane	9.712	93	183902	48.099	ug/l	98
47) Bromodichloromethane	9.894	83	368292	50.314	ug/l	95
48) Methyl methacrylate	9.688	41	249506	50.921	ug/l	86
49) 1,4-Dioxane	9.700	88	93499	1010.313	ug/l #	87
51) 4-Methyl-2-Pentanone	10.453	43	1557495	253.540	ug/l	93
52) Toluene	10.635	92	660338	50.635	ug/l	97
53) t-1,3-Dichloropropene	10.841	75	387633	50.007	ug/l	100
54) cis-1,3-Dichloropropene	10.318	75	422681	49.481	ug/l	93
55) 1,1,2-Trichloroethane	11.024	97	259659	50.146	ug/l	98
56) Ethyl methacrylate	10.877	69	401115	51.233	ug/l #	91
57) 1,3-Dichloropropane	11.171	76	443663	49.980	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	992553	257.694	ug/l	91
59) 2-Hexanone	11.200	43	1149221	252.924	ug/l	92
60) Dibromochloromethane	11.365	129	267713	50.081	ug/l	100
61) 1,2-Dibromoethane	11.476	107	262508	50.817	ug/l	99
64) Tetrachloroethene	11.112	164	233634	50.185	ug/l	97
65) Chlorobenzene	11.900	112	696598	48.268	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	245969	49.257	ug/l	96
67) Ethyl Benzene	11.971	91	1283350	49.622	ug/l	100
68) m/p-Xylenes	12.076	106	968080	98.789	ug/l	96
69) o-Xylene	12.406	106	479047	49.708	ug/l	96
70) Styrene	12.418	104	778499	50.851	ug/l	97
71) Bromoform	12.588	173	170340	51.278	ug/l #	100
73) Isopropylbenzene	12.700	105	1257578	50.298	ug/l	100
74) N-amyl acetate	12.500	43	440776	47.695	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.947	83	361417	46.988	ug/l	99
76) 1,2,3-Trichloropropane	13.000	75	354907m	48.859	ug/l	
77) Bromobenzene	12.988	156	262154	45.946	ug/l	93
78) n-propylbenzene	13.041	91	1456528	49.414	ug/l	98
79) 2-Chlorotoluene	13.129	91	866393	49.258	ug/l	100
80) 1,3,5-Trimethylbenzene	13.182	105	1044198	49.692	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	111036	48.862	ug/l	90
82) 4-Chlorotoluene	13.229	91	833215	47.611	ug/l	99
83) tert-Butylbenzene	13.447	119	901329	49.133	ug/l	99
84) 1,2,4-Trimethylbenzene	13.488	105	1028112	49.748	ug/l	100
85) sec-Butylbenzene	13.623	105	1288323	49.416	ug/l	100
86) p-Isopropyltoluene	13.735	119	1051264	50.579	ug/l	99
87) 1,3-Dichlorobenzene	13.741	146	494562	46.870	ug/l	99
88) 1,4-Dichlorobenzene	13.817	146	488618	46.665	ug/l	99
89) n-Butylbenzene	14.065	91	936041	48.963	ug/l	98
90) Hexachloroethane	14.341	117	176416	51.667	ug/l	94
91) 1,2-Dichlorobenzene	14.112	146	479416	48.634	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.729	75	72160	48.458	ug/l	93
93) 1,2,4-Trichlorobenzene	15.400	180	256441	44.517	ug/l	97
94) Hexachlorobutadiene	15.506	225	111535	46.633	ug/l	100
95) Naphthalene	15.647	128	879926	44.378	ug/l	100
96) 1,2,3-Trichlorobenzene	15.847	180	253988	45.032	ug/l	98

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

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