

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100523\
 Data File : VN079432.D
 Acq On : 05 Oct 2023 20:39
 Operator : JC\MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN100523

Quant Time: Oct 06 03:46:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100523W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 06 03:34:49 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 10/06/2023
 Supervised By : Mahesh Dadoda 10/06/2023

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	249401	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	436592	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	405873	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	176888	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	193613	47.878	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	95.760%		
35) Dibromofluoromethane	8.171	113	155495	49.560	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.120%		
50) Toluene-d8	10.571	98	587450	51.747	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	103.500%		
62) 4-Bromofluorobenzene	12.853	95	187329	51.418	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	102.840%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	179141	50.126	ug/l	99
3) Chloromethane	2.365	50	209404	46.960	ug/l	100
4) Vinyl Chloride	2.512	62	229398	49.457	ug/l	96
5) Bromomethane	2.942	94	119017	42.863	ug/l	94
6) Chloroethane	3.112	64	155730	44.534	ug/l	98
7) Trichlorofluoromethane	3.495	101	264708	48.336	ug/l	94
8) Diethyl Ether	3.959	74	96238	49.293	ug/l	63
9) 1,1,2-Trichlorotrifluo...	4.371	101	150519	47.032	ug/l	98
10) Methyl Iodide	4.595	142	162956	58.679	ug/l	97
11) Tert butyl alcohol	5.530	59	128691	211.444	ug/l	99
12) 1,1-Dichloroethene	4.348	96	140921	47.824	ug/l	89
13) Acrolein	4.183	56	138880	229.165	ug/l	98
14) Allyl chloride	5.030	41	218829	46.018	ug/l	88
15) Acrylonitrile	5.724	53	429965	243.673	ug/l	98
16) Acetone	4.430	43	348858	217.503	ug/l	96
17) Carbon Disulfide	4.712	76	429303	46.706	ug/l	97
18) Methyl Acetate	5.030	43	346908	44.190	ug/l #	83
19) Methyl tert-butyl Ether	5.800	73	480759	50.213	ug/l	93
20) Methylene Chloride	5.283	84	176635	50.294	ug/l #	83
21) trans-1,2-Dichloroethene	5.789	96	159755	46.418	ug/l #	77
22) Diisopropyl ether	6.677	45	542134	50.843	ug/l #	92
23) Vinyl Acetate	6.612	43	1561039	260.264	ug/l #	85
24) 1,1-Dichloroethane	6.571	63	317805	48.699	ug/l	98
25) 2-Butanone	7.488	43	561826	236.005	ug/l #	81
26) 2,2-Dichloropropane	7.494	77	226232	45.362	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	183378	49.046	ug/l	87
28) Bromochloromethane	7.818	49	154339	49.707	ug/l #	73
29) Tetrahydrofuran	7.841	42	389160	252.764	ug/l #	74
30) Chloroform	7.971	83	315020	47.777	ug/l	93
31) Cyclohexane	8.265	56	268367	46.786	ug/l	87
32) 1,1,1-Trichloroethane	8.171	97	270846	48.811	ug/l	92
36) 1,1-Dichloropropene	8.371	75	238766	50.705	ug/l	95
37) Ethyl Acetate	7.565	43	241786	51.602	ug/l #	89
38) Carbon Tetrachloride	8.365	117	231135	49.030	ug/l	99
39) Methylcyclohexane	9.606	83	238941	52.814	ug/l #	87
40) Benzene	8.612	78	711604	50.884	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	118924	48.277	ug/l #	86
42) 1,2-Dichloroethane	8.677	62	247630	48.731	ug/l	97
43) Isopropyl Acetate	8.694	43	387195	47.167	ug/l #	90
44) Trichloroethene	9.359	130	161595	49.094	ug/l	99
45) 1,2-Dichloropropane	9.624	63	186116	50.511	ug/l	98
46) Dibromomethane	9.712	93	120251	50.390	ug/l	94
47) Bromodichloromethane	9.894	83	248847	50.693	ug/l	98
48) Methyl methacrylate	9.682	41	182486	51.877	ug/l #	80
49) 1,4-Dioxane	9.700	88	66110	1020.307	ug/l #	84
51) 4-Methyl-2-Pentanone	10.447	43	1211695	261.482	ug/l	89
52) Toluene	10.635	92	430001	52.236	ug/l	97
53) t-1,3-Dichloropropene	10.841	75	253953	51.335	ug/l	100
54) cis-1,3-Dichloropropene	10.318	75	278155	51.364	ug/l #	87
55) 1,1,2-Trichloroethane	11.018	97	167160	50.580	ug/l	97
56) Ethyl methacrylate	10.876	69	255047	56.162	ug/l #	81
57) 1,3-Dichloropropane	11.165	76	295296	51.746	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	489560	281.492	ug/l	89
59) 2-Hexanone	11.200	43	883044	264.077	ug/l	87
60) Dibromochloromethane	11.365	129	173024	52.093	ug/l	100
61) 1,2-Dibromoethane	11.471	107	167930	51.202	ug/l	97
64) Tetrachloroethene	11.106	164	132392	47.417	ug/l	95
65) Chlorobenzene	11.894	112	430312	47.607	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	161518	48.804	ug/l	98
67) Ethyl Benzene	11.965	91	813735	51.795	ug/l	97
68) m/p-Xylenes	12.076	106	608103	106.529	ug/l	94
69) o-Xylene	12.400	106	290542	51.754	ug/l	93
70) Styrene	12.418	104	492034	55.488	ug/l	99
71) Bromoform	12.582	173	115681	47.759	ug/l #	99
73) Isopropylbenzene	12.700	105	751859	45.688	ug/l	99
74) N-amyl acetate	12.500	43	310597	46.039	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.941	83	249200	46.839	ug/l	100
76) 1,2,3-Trichloropropane	13.000	75	222466m	43.619	ug/l	
77) Bromobenzene	12.982	156	168934	41.866	ug/l	92
78) n-propylbenzene	13.041	91	895932	48.120	ug/l	96
79) 2-Chlorotoluene	13.129	91	533029	44.739	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	625089	48.170	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	73797	41.984	ug/l #	85
82) 4-Chlorotoluene	13.223	91	519139	45.790	ug/l	99
83) tert-Butylbenzene	13.441	119	527660	49.630	ug/l	97
84) 1,2,4-Trimethylbenzene	13.488	105	616772	49.804	ug/l	99
85) sec-Butylbenzene	13.617	105	717294	48.369	ug/l	100
86) p-Isopropyltoluene	13.735	119	583084	51.253	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	303060	47.354	ug/l	97
88) 1,4-Dichlorobenzene	13.817	146	295209	44.673	ug/l	99
89) n-Butylbenzene	14.059	91	471294	51.877	ug/l	98
90) Hexachloroethane	14.335	117	113081	48.938	ug/l	90
91) 1,2-Dichlorobenzene	14.112	146	291539	46.701	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	40008	42.044	ug/l	98
93) 1,2,4-Trichlorobenzene	15.400	180	99103	51.257	ug/l	96
94) Hexachlorobutadiene	15.506	225	63274	42.019	ug/l	99
95) Naphthalene	15.647	128	274020	46.412	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	104226	45.173	ug/l	98

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

