

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081523\
 Data File : VN078883.D
 Acq On : 15 Aug 2023 11:49
 Operator : JC\MD
 Sample : VSTDICC075
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC075

Quant Time: Aug 16 02:17:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081523W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 16 02:16:33 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 08/16/2023
 Supervised By : Mahesh Dadoda 08/16/2023

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	187364	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	325436	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	299329	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	141531	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	216429	74.233	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 148.460%#			
35) Dibromofluoromethane	8.171	113	167999	76.689	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 153.380%#			
50) Toluene-d8	10.571	98	649624	79.864	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 159.720%#			
62) 4-Bromofluorobenzene	12.853	95	222195	83.572	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 167.140%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.130	85	182662	70.261	ug/l	99
3) Chloromethane	2.365	50	238974	65.837	ug/l	99
4) Vinyl Chloride	2.512	62	231469	72.714	ug/l	97
5) Bromomethane	2.930	94	123303	67.465	ug/l	99
6) Chloroethane	3.106	64	149249	67.746	ug/l	95
7) Trichlorofluoromethane	3.489	101	281547	72.616	ug/l	98
8) Diethyl Ether	3.965	74	105448	71.740	ug/l #	52
9) 1,1,2-Trichlorotrifluo...	4.371	101	148299	71.816	ug/l	99
10) Methyl Iodide	4.583	142	177930	77.013	ug/l	97
11) Tert butyl alcohol	5.530	59	175875	359.491	ug/l	98
12) 1,1-Dichloroethene	4.342	96	145420	72.294	ug/l #	79
13) Acrolein	4.183	56	84541	364.333	ug/l	97
14) Allyl chloride	5.018	41	266183	66.488	ug/l #	88
15) Acrylonitrile	5.718	53	485462	366.286	ug/l	98
16) Acetone	4.430	43	438646	364.627	ug/l	94
17) Carbon Disulfide	4.712	76	400647	71.156	ug/l	99
18) Methyl Acetate	5.030	43	357807	70.407	ug/l #	82
19) Methyl tert-butyl Ether	5.800	73	545224	75.247	ug/l	94
20) Methylene Chloride	5.283	84	178507	69.629	ug/l #	77
21) trans-1,2-Dichloroethene	5.789	96	162989	72.259	ug/l #	77
22) Diisopropyl ether	6.677	45	633903	74.846	ug/l #	90
23) Vinyl Acetate	6.606	43	2107712	377.957	ug/l #	85
24) 1,1-Dichloroethane	6.571	63	334330	72.259	ug/l	98
25) 2-Butanone	7.489	43	720154	373.383	ug/l #	77
26) 2,2-Dichloropropane	7.494	77	281118	75.166	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	195426	71.282	ug/l	84
28) Bromochloromethane	7.818	49	186368	75.933	ug/l #	70
29) Tetrahydrofuran	7.841	42	473585	370.968	ug/l #	71
30) Chloroform	7.971	83	336885	72.881	ug/l	98
31) Cyclohexane	8.259	56	272126	76.228	ug/l	85
32) 1,1,1-Trichloroethane	8.171	97	291317	73.912	ug/l	93
36) 1,1-Dichloropropene	8.377	75	252526	76.632	ug/l	94
37) Ethyl Acetate	7.565	43	279308	75.755	ug/l #	89
38) Carbon Tetrachloride	8.365	117	255339	77.332	ug/l	99
39) Methylcyclohexane	9.606	83	239131	78.903	ug/l #	86
40) Benzene	8.612	78	737814	75.749	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	147919	73.663	ug/l #	84
42) 1,2-Dichloroethane	8.671	62	267642	73.549	ug/l	97
43) Isopropyl Acetate	8.694	43	483716	74.227	ug/l #	87
44) Trichloroethene	9.359	130	177667	76.767	ug/l	98
45) 1,2-Dichloropropane	9.630	63	197988	76.347	ug/l	97
46) Dibromomethane	9.712	93	133035	74.793	ug/l	98
47) Bromodichloromethane	9.894	83	269610	76.761	ug/l	98
48) Methyl methacrylate	9.688	41	230067	77.908	ug/l #	77
49) 1,4-Dioxane	9.700	88	74055	1472.287	ug/l #	82
51) 4-Methyl-2-Pentanone	10.447	43	1495658	386.965	ug/l #	86
52) Toluene	10.635	92	461563	77.183	ug/l	98
53) t-1,3-Dichloropropene	10.841	75	300605	79.807	ug/l	97
54) cis-1,3-Dichloropropene	10.318	75	315913	77.010	ug/l #	84
55) 1,1,2-Trichloroethane	11.018	97	182012	75.908	ug/l	98
56) Ethyl methacrylate	10.877	69	301595	81.141	ug/l #	72
57) 1,3-Dichloropropane	11.171	76	328018	76.483	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	731506	409.987	ug/l	89
59) 2-Hexanone	11.200	43	1111470	397.027	ug/l	84
60) Dibromochloromethane	11.365	129	199683	79.138	ug/l	100
61) 1,2-Dibromoethane	11.476	107	188021	77.163	ug/l	99
64) Tetrachloroethene	11.106	164	139946	74.552	ug/l	95
65) Chlorobenzene	11.894	112	476764	74.826	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.965	131	182055	75.607	ug/l	97
67) Ethyl Benzene	11.971	91	896413	77.364	ug/l	97
68) m/p-Xylenes	12.076	106	676781	156.223	ug/l	97
69) o-Xylene	12.400	106	329565	78.204	ug/l	94
70) Styrene	12.418	104	570101	81.131	ug/l	99
71) Bromoform	12.582	173	142959	81.664	ug/l #	99
73) Isopropylbenzene	12.700	105	835061	70.761	ug/l	99
74) N-amyl acetate	12.500	43	439877	73.845	ug/l #	83
75) 1,1,2,2-Tetrachloroethane	12.941	83	282628	66.328	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	232758m	44.323	ug/l	
77) Bromobenzene	12.982	156	199093	70.187	ug/l	97
78) n-propylbenzene	13.041	91	991320	72.441	ug/l	97
79) 2-Chlorotoluene	13.129	91	590365	69.547	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	667199	71.343	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	97061	72.708	ug/l #	87
82) 4-Chlorotoluene	13.223	91	593424	71.445	ug/l	100
83) tert-Butylbenzene	13.441	119	581722	74.033	ug/l	98
84) 1,2,4-Trimethylbenzene	13.488	105	670392	72.396	ug/l	99
85) sec-Butylbenzene	13.623	105	780795	72.205	ug/l	99
86) p-Isopropyltoluene	13.735	119	647386	74.933	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	357097	73.158	ug/l	98
88) 1,4-Dichlorobenzene	13.818	146	358393	73.358	ug/l	99
89) n-Butylbenzene	14.059	91	551027	77.501	ug/l	100
90) Hexachloroethane	14.341	117	122264	70.597	ug/l	88
91) 1,2-Dichlorobenzene	14.112	146	350957	72.301	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	53678	78.663	ug/l	99
93) 1,2,4-Trichlorobenzene	15.400	180	145295	84.434	ug/l	97
94) Hexachlorobutadiene	15.506	225	63281	77.948	ug/l	97
95) Naphthalene	15.647	128	507233	76.341	ug/l	98
96) 1,2,3-Trichlorobenzene	15.841	180	149962	79.568	ug/l	97

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

