

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100523\
 Data File : VN079425.D
 Acq On : 05 Oct 2023 17:26
 Operator : JC\MD
 Sample : VSTDIC075
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC075

Quant Time: Oct 06 01:13:56 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100523W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 06 01:12:47 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	251567	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	441454	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	411556	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	187240	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	290156	83.503	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 167.000%#			
35) Dibromofluoromethane	8.171	113	222775	76.216	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 152.440%#			
50) Toluene-d8	10.571	98	877883	81.199	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 162.400%#			
62) 4-Bromofluorobenzene	12.853	95	294138	85.404	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 170.800%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	303702	111.090	ug/l	100
3) Chloromethane	2.365	50	336182	95.757	ug/l	98
4) Vinyl Chloride	2.512	62	369178	97.372	ug/l	100
5) Bromomethane	2.924	94	197785	89.831	ug/l	97
6) Chloroethane	3.107	64	233138	83.125	ug/l	95
7) Trichlorofluoromethane	3.489	101	427656	80.503	ug/l	99
8) Diethyl Ether	3.959	74	160955	86.856	ug/l	65
9) 1,1,2-Trichlorotrifluo...	4.365	101	238457	83.631	ug/l	100
10) Methyl Iodide	4.589	142	265432	109.670	ug/l	99
11) Tert butyl alcohol	5.530	59	229188	359.508	ug/l	100
12) 1,1-Dichloroethene	4.342	96	231591	84.278	ug/l	86
13) Acrolein	4.177	56	272605	445.966	ug/l	97
14) Allyl chloride	5.024	41	379320	86.338	ug/l #	90
15) Acrylonitrile	5.718	53	720754	430.629	ug/l	99
16) Acetone	4.430	43	672695	451.117	ug/l	92
17) Carbon Disulfide	4.712	76	703378	81.307	ug/l	98
18) Methyl Acetate	5.030	43	583528	92.921	ug/l #	84
19) Methyl tert-butyl Ether	5.795	73	798691	85.346	ug/l	94
20) Methylene Chloride	5.277	84	280015	78.281	ug/l #	85
21) trans-1,2-Dichloroethene	5.789	96	259781	82.025	ug/l #	79
22) Diisopropyl ether	6.677	45	896554	92.630	ug/l #	89
23) Vinyl Acetate	6.606	43	2690179	455.577	ug/l #	86
24) 1,1-Dichloroethane	6.571	63	508551	85.623	ug/l	98
25) 2-Butanone	7.489	43	995787	458.729	ug/l #	81
26) 2,2-Dichloropropane	7.495	77	417753	86.607	ug/l	100
27) cis-1,2-Dichloroethene	7.489	96	300569	83.465	ug/l	86
28) Bromochloromethane	7.818	49	243535	90.099	ug/l #	74
29) Tetrahydrofuran	7.842	42	645040	466.515	ug/l #	76
30) Chloroform	7.971	83	509519	82.968	ug/l	93
31) Cyclohexane	8.259	56	438297	85.245	ug/l	85
32) 1,1,1-Trichloroethane	8.171	97	442779	84.891	ug/l	94
36) 1,1-Dichloropropene	8.377	75	389488	85.117	ug/l	94
37) Ethyl Acetate	7.565	43	405369	88.154	ug/l #	90
38) Carbon Tetrachloride	8.365	117	383990	81.449	ug/l	97
39) Methylcyclohexane	9.606	83	409543	90.720	ug/l #	86
40) Benzene	8.612	78	1145720	82.227	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	202922	87.091	ug/l #	84
42) 1,2-Dichloroethane	8.677	62	402813	83.265	ug/l	97
43) Isopropyl Acetate	8.694	43	668111	88.670	ug/l #	88
44) Trichloroethene	9.359	130	260077	76.308	ug/l	99
45) 1,2-Dichloropropane	9.630	63	298693	86.108	ug/l	97
46) Dibromomethane	9.712	93	196084	83.374	ug/l	95
47) Bromodichloromethane	9.894	83	406661	84.610	ug/l	96
48) Methyl methacrylate	9.683	41	311878	92.377	ug/l #	81
49) 1,4-Dioxane	9.700	88	113227	1652.827	ug/l #	82
51) 4-Methyl-2-Pentanone	10.447	43	2042158	466.138	ug/l	89
52) Toluene	10.635	92	706419	82.579	ug/l	97
53) t-1,3-Dichloropropene	10.841	75	442398	87.453	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	475198	87.397	ug/l #	90
55) 1,1,2-Trichloroethane	11.018	97	272050	81.142	ug/l	97
56) Ethyl methacrylate	10.877	69	437840	92.444	ug/l #	82
57) 1,3-Dichloropropane	11.171	76	490795	84.524	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	950047	537.700	ug/l	89
59) 2-Hexanone	11.200	43	1528715	480.438	ug/l	88
60) Dibromochloromethane	11.365	129	289305	81.848	ug/l	100
61) 1,2-Dibromoethane	11.477	107	275220	82.859	ug/l	98
64) Tetrachloroethene	11.106	164	210053	70.357	ug/l	97
65) Chlorobenzene	11.894	112	711765	76.305	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	271546	77.895	ug/l	98
67) Ethyl Benzene	11.971	91	1374543	85.740	ug/l	97
68) m/p-Xylenes	12.077	106	1021420	171.756	ug/l	94
69) o-Xylene	12.400	106	491496	86.168	ug/l	93
70) Styrene	12.418	104	827274	90.201	ug/l	98
71) Bromoform	12.582	173	198991	78.308	ug/l #	100
73) Isopropylbenzene	12.700	105	1268704	74.011	ug/l	99
74) N-amyl acetate	12.500	43	568959	86.042	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.941	83	412333	64.633	ug/l	99
76) 1,2,3-Trichloropropane	13.000	75	332012m	65.410	ug/l	
77) Bromobenzene	12.982	156	284621	66.241	ug/l	91
78) n-propylbenzene	13.041	91	1515961	78.406	ug/l	97
79) 2-Chlorotoluene	13.129	91	895923	71.353	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	1052645	73.896	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	133524	72.260	ug/l #	87
82) 4-Chlorotoluene	13.224	91	889794	75.181	ug/l	99
83) tert-Butylbenzene	13.441	119	887479	75.500	ug/l	99
84) 1,2,4-Trimethylbenzene	13.488	105	1045085	77.047	ug/l	100
85) sec-Butylbenzene	13.618	105	1245107	76.725	ug/l	98
86) p-Isopropyltoluene	13.735	119	1007833	77.982	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	527264	74.352	ug/l	97
88) 1,4-Dichlorobenzene	13.818	146	511055	71.444	ug/l	99
89) n-Butylbenzene	14.059	91	859961	84.098	ug/l	98
90) Hexachloroethane	14.335	117	198466	75.211	ug/l	89
91) 1,2-Dichlorobenzene	14.112	146	495652	70.763	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	72840	75.619	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	205739	84.039	ug/l	98
94) Hexachlorobutadiene	15.506	225	114818	58.952	ug/l	98
95) Naphthalene	15.647	128	623589	84.982	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	212903	73.119	ug/l	98

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

