

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110123\
 Data File : VN079762.D
 Acq On : 01 Nov 2023 10:27
 Operator : JC\MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/02/2023
 Supervised By : Mahesh Dadoda 11/02/2023

Quant Time: Nov 02 05:28:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110123W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 02 05:25:18 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	326513	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	565139	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	517632	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	237114	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	252386	50.736	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.480%			
35) Dibromofluoromethane	8.165	113	202999	50.752	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.500%			
50) Toluene-d8	10.571	98	767532	52.125	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 104.260%			
62) 4-Bromofluorobenzene	12.853	95	262965	53.848	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 107.700%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	200709	51.033	ug/l	100
3) Chloromethane	2.359	50	243515	49.763	ug/l	99
4) Vinyl Chloride	2.512	62	258680	50.247	ug/l	99
5) Bromomethane	2.942	94	148514	47.479	ug/l	96
6) Chloroethane	3.118	64	194126	47.544	ug/l	99
7) Trichlorofluoromethane	3.495	101	316268	49.393	ug/l	99
8) Diethyl Ether	3.965	74	124269	51.142	ug/l	76
9) 1,1,2-Trichlorotrifluo...	4.371	101	179423	48.337	ug/l	98
10) Methyl Iodide	4.589	142	223922	52.826	ug/l	99
11) Tert butyl alcohol	5.524	59	151302	238.264	ug/l	99
12) 1,1-Dichloroethene	4.342	96	177522	50.511	ug/l	88
13) Acrolein	4.177	56	126230	254.348	ug/l	98
14) Allyl chloride	5.018	41	265211	49.268	ug/l	92
15) Acrylonitrile	5.724	53	485786	245.477	ug/l	100
16) Acetone	4.430	43	407728	233.340	ug/l	94
17) Carbon Disulfide	4.712	76	491865	48.518	ug/l	100
18) Methyl Acetate	5.024	43	394452	47.184	ug/l #	87
19) Methyl tert-butyl Ether	5.794	73	615640	50.879	ug/l	98
20) Methylene Chloride	5.277	84	208019	47.180	ug/l #	87
21) trans-1,2-Dichloroethene	5.789	96	192139	49.018	ug/l #	82
22) Diisopropyl ether	6.671	45	647981	51.944	ug/l #	93
23) Vinyl Acetate	6.606	43	1817973	264.202	ug/l #	87
24) 1,1-Dichloroethane	6.571	63	374101	49.340	ug/l	98
25) 2-Butanone	7.483	43	650780	254.335	ug/l #	82
26) 2,2-Dichloropropane	7.494	77	319296	50.919	ug/l	100
27) cis-1,2-Dichloroethene	7.488	96	230507	49.162	ug/l	89
28) Bromochloromethane	7.818	49	184530	49.940	ug/l #	79
29) Tetrahydrofuran	7.841	42	421860	253.407	ug/l #	77
30) Chloroform	7.971	83	385234	46.775	ug/l	96
31) Cyclohexane	8.259	56	310332	47.210	ug/l	91
32) 1,1,1-Trichloroethane	8.171	97	330410	49.236	ug/l	95
36) 1,1-Dichloropropene	8.377	75	285245	49.946	ug/l	96
37) Ethyl Acetate	7.565	43	267763	51.122	ug/l #	90
38) Carbon Tetrachloride	8.365	117	288030	50.042	ug/l	98
39) Methylcyclohexane	9.600	83	284026	52.845	ug/l	90
40) Benzene	8.612	78	841641	49.203	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	141364	50.826	ug/l #	86
42) 1,2-Dichloroethane	8.671	62	295380	49.436	ug/l	98
43) Isopropyl Acetate	8.688	43	455950	49.638	ug/l #	91
44) Trichloroethene	9.353	130	208570	49.137	ug/l	99
45) 1,2-Dichloropropane	9.624	63	220334	50.403	ug/l	98
46) Dibromomethane	9.712	93	148395	49.716	ug/l	93
47) Bromodichloromethane	9.888	83	308040	48.390	ug/l	98
48) Methyl methacrylate	9.682	41	217418	54.039	ug/l #	82
49) 1,4-Dioxane	9.694	88	72494	1019.724	ug/l #	83
51) 4-Methyl-2-Pentanone	10.447	43	1352011	261.445	ug/l	91
52) Toluene	10.635	92	531267	52.389	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	332595	53.296	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	365735	53.769	ug/l #	89
55) 1,1,2-Trichloroethane	11.018	97	205597	50.406	ug/l	95
56) Ethyl methacrylate	10.876	69	320372	55.065	ug/l #	86
57) 1,3-Dichloropropane	11.165	76	363472	50.555	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	805834	273.276	ug/l	92
59) 2-Hexanone	11.200	43	1029841	260.321	ug/l	89
60) Dibromochloromethane	11.359	129	228043	52.232	ug/l	98
61) 1,2-Dibromoethane	11.471	107	211162	51.580	ug/l	99
64) Tetrachloroethene	11.106	164	166879	49.778	ug/l	98
65) Chlorobenzene	11.894	112	555765	49.496	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	204341	50.511	ug/l	97
67) Ethyl Benzene	11.965	91	1025501	52.421	ug/l	97
68) m/p-Xylenes	12.076	106	761004	104.426	ug/l	96
69) o-Xylene	12.400	106	370420	52.786	ug/l	94
70) Styrene	12.412	104	627556	55.646	ug/l	97
71) Bromoform	12.582	173	155739	54.215	ug/l #	100
73) Isopropylbenzene	12.700	105	932288	51.807	ug/l	99
74) N-amyl acetate	12.494	43	410848	52.305	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.941	83	305847	47.935	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	267436m	48.103	ug/l	
77) Bromobenzene	12.982	156	220572	50.064	ug/l	96
78) n-propylbenzene	13.041	91	1105242	53.633	ug/l	98
79) 2-Chlorotoluene	13.129	91	660119	50.143	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	750019	53.569	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	113521	55.484	ug/l	94
82) 4-Chlorotoluene	13.223	91	672112	51.377	ug/l	100
83) tert-Butylbenzene	13.441	119	619331	54.040	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	758971	55.097	ug/l	99
85) sec-Butylbenzene	13.617	105	857783	54.023	ug/l	100
86) p-Isopropyltoluene	13.729	119	718953	55.537	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	410310	50.062	ug/l	97
88) 1,4-Dichlorobenzene	13.817	146	408520	49.106	ug/l	99
89) n-Butylbenzene	14.059	91	617572	55.388	ug/l	99
90) Hexachloroethane	14.335	117	123543	48.188	ug/l	89
91) 1,2-Dichlorobenzene	14.106	146	391343	50.580	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	57005	52.684	ug/l	95
93) 1,2,4-Trichlorobenzene	15.394	180	197136	53.586	ug/l	97
94) Hexachlorobutadiene	15.506	225	81381	48.798	ug/l	98
95) Naphthalene	15.641	128	671134	53.794	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	190925	52.944	ug/l	98

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

