

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110623\
 Data File : VN079939.D
 Acq On : 06 Nov 2023 21:44
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Nov 07 04:56:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110123W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 02 05:49:08 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/07/2023
 Supervised By : Mahesh Dadoda 11/07/2023

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	309200	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	549052	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	498307	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	240398	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	275051	58.388	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 116.780%			
35) Dibromofluoromethane	8.165	113	211883	54.525	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 109.060%			
50) Toluene-d8	10.571	98	780548	54.562	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 109.120%			
62) 4-Bromofluorobenzene	12.853	95	275128	57.989	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 115.980%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	189538	50.891	ug/l	99
3) Chloromethane	2.359	50	241541	52.256	ug/l	98
4) Vinyl Chloride	2.512	62	276029	56.619	ug/l	96
5) Bromomethane	2.936	94	153853	51.940	ug/l	97
6) Chloroethane	3.107	64	171942	44.635	ug/l	97
7) Trichlorofluoromethane	3.489	101	321038	52.945	ug/l	98
8) Diethyl Ether	3.965	74	118949	51.694	ug/l	60
9) 1,1,2-Trichlorotrifluo...	4.371	101	175427	49.907	ug/l	99
10) Methyl Iodide	4.589	142	213194	53.111	ug/l	98
11) Tert butyl alcohol	5.524	59	179053	297.753	ug/l	99
12) 1,1-Dichloroethene	4.336	96	170118	51.114	ug/l #	82
13) Acrolein	4.177	56	151830	351.610	ug/l	97
14) Allyl chloride	5.024	41	282161	55.352	ug/l #	91
15) Acrylonitrile	5.718	53	555644	296.500	ug/l	99
16) Acetone	4.424	43	435823	263.384	ug/l	93
17) Carbon Disulfide	4.712	76	452663	47.152	ug/l	100
18) Methyl Acetate	5.024	43	472824	59.726	ug/l #	84
19) Methyl tert-butyl Ether	5.800	73	638580	55.730	ug/l	92
20) Methylene Chloride	5.277	84	218366	52.300	ug/l #	81
21) trans-1,2-Dichloroethene	5.783	96	192790	51.938	ug/l #	76
22) Diisopropyl ether	6.677	45	713808	60.425	ug/l #	91
23) Vinyl Acetate	6.606	43	1915699	293.993	ug/l #	87
24) 1,1-Dichloroethane	6.571	63	408949	56.956	ug/l	99
25) 2-Butanone	7.489	43	721226	297.649	ug/l #	79
26) 2,2-Dichloropropane	7.489	77	281615	47.425	ug/l	99
27) cis-1,2-Dichloroethene	7.489	96	232825	52.437	ug/l	85
28) Bromochloromethane	7.812	49	217458	62.146	ug/l #	74
29) Tetrahydrofuran	7.841	42	486291	308.466	ug/l #	75
30) Chloroform	7.971	83	421300	54.018	ug/l	89
31) Cyclohexane	8.259	56	308017	49.482	ug/l #	82
32) 1,1,1-Trichloroethane	8.171	97	354227	55.741	ug/l	95
36) 1,1-Dichloropropene	8.377	75	298469	53.793	ug/l	94
37) Ethyl Acetate	7.559	43	303002	59.545	ug/l #	90
38) Carbon Tetrachloride	8.365	117	296278	52.984	ug/l	99
39) Methylcyclohexane	9.606	83	258526	49.510	ug/l #	85
40) Benzene	8.612	78	904045	54.399	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	160752	59.490	ug/l #	84
42) 1,2-Dichloroethane	8.671	62	335677	57.826	ug/l	98
43) Isopropyl Acetate	8.694	43	567944	63.643	ug/l #	86
44) Trichloroethene	9.353	130	206938	50.181	ug/l	97
45) 1,2-Dichloropropane	9.624	63	245061	57.702	ug/l	99
46) Dibromomethane	9.712	93	161753	55.779	ug/l	95
47) Bromodichloromethane	9.894	83	332468	53.758	ug/l	96
48) Methyl methacrylate	9.683	41	242536	62.049	ug/l #	79
49) 1,4-Dioxane	9.700	88	84424	1222.329	ug/l #	84
51) 4-Methyl-2-Pentanone	10.447	43	1570836	312.660	ug/l	89
52) Toluene	10.635	92	553839	56.215	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	335988	55.418	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	367020	55.539	ug/l #	91
55) 1,1,2-Trichloroethane	11.018	97	221804	55.973	ug/l	94
56) Ethyl methacrylate	10.877	69	341869	60.482	ug/l #	83
57) 1,3-Dichloropropane	11.165	76	401030	57.413	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	791044	276.120	ug/l	89
59) 2-Hexanone	11.200	43	1133069	294.806	ug/l	88
60) Dibromochloromethane	11.365	129	235225	55.455	ug/l	98
61) 1,2-Dibromoethane	11.471	107	218668	54.978	ug/l	100
64) Tetrachloroethene	11.106	164	169180	52.421	ug/l	99
65) Chlorobenzene	11.894	112	570334	52.764	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	220646	56.656	ug/l	97
67) Ethyl Benzene	11.965	91	1030833	54.737	ug/l	95
68) m/p-Xylenes	12.076	106	774055	110.337	ug/l	93
69) o-Xylene	12.400	106	374521	55.440	ug/l	91
70) Styrene	12.412	104	642977	59.225	ug/l	98
71) Bromoform	12.582	173	161332	58.340	ug/l #	98
73) Isopropylbenzene	12.700	105	927916	50.859	ug/l	100
74) N-amyl acetate	12.500	43	426730	53.585	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.941	83	338615	52.346	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	268772m	47.622	ug/l	
77) Bromobenzene	12.982	156	228754	51.212	ug/l	92
78) n-propylbenzene	13.041	91	1110590	53.156	ug/l	97
79) 2-Chlorotoluene	13.129	91	691584	51.815	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	775100	54.604	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	99447	47.941	ug/l #	76
82) 4-Chlorotoluene	13.223	91	700555	52.820	ug/l	98
83) tert-Butylbenzene	13.441	119	605482	52.110	ug/l	97
84) 1,2,4-Trimethylbenzene	13.488	105	780785	55.907	ug/l	100
85) sec-Butylbenzene	13.618	105	844747	52.475	ug/l	99
86) p-Isopropyltoluene	13.735	119	699544	53.299	ug/l	100
87) 1,3-Dichlorobenzene	13.735	146	410986	49.460	ug/l	100
88) 1,4-Dichlorobenzene	13.812	146	405700	48.101	ug/l	100
89) n-Butylbenzene	14.059	91	574511	50.822	ug/l	98
90) Hexachloroethane	14.341	117	135917	52.290	ug/l	90
91) 1,2-Dichlorobenzene	14.112	146	399365	50.912	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.729	75	61798	56.334	ug/l	95
93) 1,2,4-Trichlorobenzene	15.400	180	179324	48.078	ug/l	97
94) Hexachlorobutadiene	15.506	225	79100	46.782	ug/l	99
95) Naphthalene	15.647	128	574493	45.419	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	181032	49.515	ug/l	99

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

