

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032823\
 Data File : VN077242.D
 Acq On : 28 Mar 2023 17:36
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 03/29/2023
 Supervised By :Mahesh Dadoda 03/29/2023

Quant Time: Mar 29 01:17:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N032523W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 27 02:47:06 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	296924	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	520496	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	488545	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	246895	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	254186	54.751	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 109.500%			
35) Dibromofluoromethane	8.172	113	176216	49.894	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.780%			
50) Toluene-d8	10.571	98	701310	52.994	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 105.980%			
62) 4-Bromofluorobenzene	12.854	95	237355	54.649	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 109.300%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.137	85	117288	37.867	ug/l	97
3) Chloromethane	2.372	50	270268	62.199	ug/l	97
4) Vinyl Chloride	2.525	62	347089	70.720	ug/l	99
5) Bromomethane	2.931	94	255857	65.309	ug/l	98
6) Chloroethane	3.113	64	291946	68.611	ug/l	96
7) Trichlorofluoromethane	3.501	101	978315	129.995	ug/l	96
8) Diethyl Ether	3.972	74	355930	143.688	ug/l	62
9) 1,1,2-Trichlorotrifluo...	4.378	101	460562	142.985	ug/l	97
10) Methyl Iodide	4.601	142	425207	117.004	ug/l	96
11) Tert butyl alcohol	5.536	59	155768	246.186	ug/l	98
12) 1,1-Dichloroethene	4.354	96	449426	146.692	ug/l	88
13) Acrolein	4.190	56	629465	709.295	ug/l	98
14) Allyl chloride	5.031	41	314825	54.696	ug/l #	79
15) Acrylonitrile	5.725	53	485106	245.929	ug/l	97
16) Acetone	4.437	43	1176714	681.678	ug/l #	87
17) Carbon Disulfide	4.719	76	539348	62.913	ug/l	99
18) Methyl Acetate	5.031	43	355489	51.475	ug/l #	81
19) Methyl tert-butyl Ether	5.801	73	572677	52.584	ug/l	91
20) Methylene Chloride	5.289	84	186884	48.618	ug/l #	66
21) trans-1,2-Dichloroethene	5.795	96	164882	49.041	ug/l #	77
22) Diisopropyl ether	6.678	45	663260	53.460	ug/l #	84
23) Vinyl Acetate	6.613	43	2219284	277.213	ug/l #	86
24) 1,1-Dichloroethane	6.578	63	351293	50.647	ug/l	95
25) 2-Butanone	7.489	43	702633	260.323	ug/l #	80
26) 2,2-Dichloropropane	7.495	77	275041	57.501	ug/l	98
27) cis-1,2-Dichloroethene	7.489	96	197870	51.020	ug/l	83
28) Bromochloromethane	7.813	49	184847	52.260	ug/l #	66
29) Tetrahydrofuran	7.842	42	467972	261.727	ug/l #	72
30) Chloroform	7.972	83	346109	50.662	ug/l	99
31) Cyclohexane	8.260	56	308795	47.880	ug/l #	81
32) 1,1,1-Trichloroethane	8.177	97	299648	51.089	ug/l #	93
36) 1,1-Dichloropropene	8.377	75	256057	52.092	ug/l	94
37) Ethyl Acetate	7.566	43	294455	53.742	ug/l #	88
38) Carbon Tetrachloride	8.366	117	256137	51.393	ug/l	97
39) Methylcyclohexane	9.607	83	310221	54.035	ug/l #	84
40) Benzene	8.613	78	758713	50.364	ug/l	100

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41) Methacrylonitrile	7.783	41	150037	50.102	ug/l #	79
42) 1,2-Dichloroethane	8.677	62	301164	53.022	ug/l	92
43) Isopropyl Acetate	8.695	43	483736	54.726	ug/l #	85
44) Trichloroethene	9.354	130	172529	49.985	ug/l	97
45) 1,2-Dichloropropane	9.624	63	206545	51.553	ug/l	97
46) Dibromomethane	9.713	93	134426	51.336	ug/l	98
47) Bromodichloromethane	9.889	83	269658	51.779	ug/l	97
48) Methyl methacrylate	9.683	41	229113	53.825	ug/l #	75
49) 1,4-Dioxane	9.695	88	70711	974.439	ug/l #	80
51) 4-Methyl-2-Pentanone	10.448	43	1522100	273.678	ug/l #	85
52) Toluene	10.630	92	484828	52.771	ug/l	96
53) t-1,3-Dichloropropene	10.836	75	298022	56.393	ug/l	98
54) cis-1,3-Dichloropropene	10.313	75	314363	54.355	ug/l #	79
55) 1,1,2-Trichloroethane	11.018	97	183758	50.951	ug/l	94
56) Ethyl methacrylate	10.877	69	299637	56.281	ug/l #	59
57) 1,3-Dichloropropane	11.166	76	341142	53.058	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.166	63	540454	260.233	ug/l #	88
59) 2-Hexanone	11.195	43	1125472	281.578	ug/l	80
60) Dibromochloromethane	11.360	129	198067	53.459	ug/l	97
61) 1,2-Dibromoethane	11.471	107	186278	51.971	ug/l	98
64) Tetrachloroethene	11.107	164	147812	48.774	ug/l	91
65) Chlorobenzene	11.895	112	496789	50.470	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.960	131	185295	51.527	ug/l	99
67) Ethyl Benzene	11.965	91	963396	53.800	ug/l	98
68) m/p-Xylenes	12.077	106	733028	107.625	ug/l	94
69) o-Xylene	12.401	106	357560	54.212	ug/l	90
70) Styrene	12.413	104	609904	57.248	ug/l	95
71) Bromoform	12.583	173	139487	52.367	ug/l #	98
73) Isopropylbenzene	12.701	105	940276	48.404	ug/l	96
74) N-amyl acetate	12.495	43	440254	52.010	ug/l #	79
75) 1,1,2,2-Tetrachloroethane	12.942	83	282125	43.480	ug/l	99
76) 1,2,3-Trichloropropane	12.995	75	266200m	53.150	ug/l	
77) Bromobenzene	12.983	156	206306	46.132	ug/l	90
78) n-propylbenzene	13.036	91	1151363	51.394	ug/l	97
79) 2-Chlorotoluene	13.130	91	651318	47.278	ug/l	96
80) 1,3,5-Trimethylbenzene	13.177	105	882611	54.560	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.742	75	86639	49.857	ug/l #	74
82) 4-Chlorotoluene	13.224	91	658000	50.320	ug/l	94
83) tert-Butylbenzene	13.442	119	674990	49.334	ug/l	94
84) 1,2,4-Trimethylbenzene	13.483	105	836030	52.590	ug/l	97
85) sec-Butylbenzene	13.618	105	999842	51.236	ug/l	97
86) p-Isopropyltoluene	13.730	119	830202	53.119	ug/l	97
87) 1,3-Dichlorobenzene	13.736	146	411272	50.953	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	400758	49.642	ug/l	100
89) n-Butylbenzene	14.059	91	702381	54.817	ug/l	96
90) Hexachloroethane	14.336	117	142354	48.877	ug/l	96
91) 1,2-Dichlorobenzene	14.107	146	383805	47.673	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.718	75	50542	44.020	ug/l	83
93) 1,2,4-Trichlorobenzene	15.395	180	398790	97.195	ug/l	100
94) Hexachlorobutadiene	15.506	225	225825	110.577	ug/l	99
95) Naphthalene	15.642	128	1366778	97.006	ug/l	100
96) 1,2,3-Trichlorobenzene	15.842	180	418380	102.927	ug/l	96

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

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