

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112522\
 Data File : VN075413.D
 Acq On : 25 Nov 2022 11:38
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Nov 28 03:21:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112122W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 23 00:18:03 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 11/28/2022
 Supervised By : Mahesh Dadoda 11/28/2022

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	167840	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	9.106	114	262930	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	241086	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	127992	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	42692	47.386	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	94.780%		
35) Dibromofluoromethane	8.171	113	55145	53.390	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	106.780%		
50) Toluene-d8	10.571	98	121368	52.172	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	104.340%		
62) 4-Bromofluorobenzene	12.853	95	93557	54.486	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	108.980%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.136	85	59670	46.493	ug/l	95
3) Chloromethane	2.371	50	65181	40.816	ug/l	93
4) Vinyl Chloride	2.524	62	89870	44.653	ug/l	95
5) Bromomethane	2.936	94	84455	47.719	ug/l	97
6) Chloroethane	3.112	64	70088	45.959	ug/l	96
7) Trichlorofluoromethane	3.501	101	131505	45.738	ug/l	98
8) Diethyl Ether	3.971	74	52011	51.612	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.377	101	77866	49.057	ug/l	92
10) Methyl Iodide	4.600	142	126895	49.337	ug/l	95
11) Tert butyl alcohol	5.530	59	89962	237.865	ug/l	100
12) 1,1-Dichloroethene	4.348	96	72688	46.766	ug/l	93
13) Acrolein	4.183	56	75781	230.003	ug/l	98
14) Allyl chloride	5.036	41	98509m	48.998	ug/l	
15) Acrylonitrile	5.730	53	204522	235.704	ug/l	98
16) Acetone	4.436	43	193623	230.405	ug/l	91
17) Carbon Disulfide	4.718	76	176507	43.697	ug/l	99
18) Methyl Acetate	5.042	43	105570	49.827	ug/l	94
19) Methyl tert-butyl Ether	5.806	73	270168	49.068	ug/l	99
20) Methylene Chloride	5.283	84	85741	50.323	ug/l	92
21) trans-1,2-Dichloroethene	5.795	96	82517	46.585	ug/l	94
22) Diisopropyl ether	6.677	45	220158	47.986	ug/l	98
23) Vinyl Acetate	6.612	43	886864m	242.977	ug/l	
24) 1,1-Dichloroethane	6.577	63	141449	48.032	ug/l	97
25) 2-Butanone	7.489	43	275146	234.517	ug/l	95
26) 2,2-Dichloropropane	7.494	77	129783	47.420	ug/l	96
27) cis-1,2-Dichloroethene	7.494	96	101781	50.816	ug/l	89
28) Bromochloromethane	7.818	49	58250	48.730	ug/l	# 79
29) Tetrahydrofuran	7.841	42	170994	239.606	ug/l	96
30) Chloroform	7.971	83	159109	47.048	ug/l	100
31) Cyclohexane	8.265	56	120584	42.127	ug/l	94
32) 1,1,1-Trichloroethane	8.171	97	148163	48.252	ug/l	95
36) 1,1-Dichloropropene	8.377	75	114519	50.842	ug/l	96
37) Ethyl Acetate	7.565	43	103650	51.105	ug/l	98
38) Carbon Tetrachloride	8.365	117	130547	52.760	ug/l	99
39) Methylcyclohexane	9.606	83	149900	53.174	ug/l	97
40) Benzene	8.612	78	349633	50.698	ug/l	100

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41) Methacrylonitrile	7.783	41	56598	54.583	ug/l	98
42) 1,2-Dichloroethane	8.671	62	116022	50.233	ug/l	94
43) Isopropyl Acetate	8.694	43	171999	52.834	ug/l	96
44) Trichloroethene	9.359	130	100842	53.440	ug/l	86
45) 1,2-Dichloropropane	9.624	63	82616	50.270	ug/l	99
46) Dibromomethane	9.712	93	65215	52.463	ug/l #	90
47) Bromodichloromethane	9.888	83	125863	52.285	ug/l #	98
48) Methyl methacrylate	9.682	41	77969	51.796	ug/l	93
49) 1,4-Dioxane	9.694	88	47666	1115.143	ug/l	93
51) 4-Methyl-2-Pentanone	10.447	43	540913	260.871	ug/l	96
52) Toluene	10.630	92	236410	53.197	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	135349	56.006	ug/l	100
54) cis-1,3-Dichloropropene	10.318	75	147385	56.152	ug/l	95
55) 1,1,2-Trichloroethane	11.018	97	95333	52.669	ug/l	97
56) Ethyl methacrylate	10.877	69	139026	56.875	ug/l	94
57) 1,3-Dichloropropane	11.165	76	151801	51.435	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	254927	289.166	ug/l	94
59) 2-Hexanone	11.200	43	413657	265.678	ug/l	96
60) Dibromochloromethane	11.359	129	109402	58.884	ug/l	99
61) 1,2-Dibromoethane	11.471	107	99760	53.101	ug/l	100
64) Tetrachloroethene	11.106	164	91777	49.850	ug/l	92
65) Chlorobenzene	11.894	112	257551	51.729	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	99192	53.380	ug/l	98
67) Ethyl Benzene	11.965	91	458698	54.001	ug/l	94
68) m/p-Xylenes	12.071	106	371522	107.707	ug/l	98
69) o-Xylene	12.400	106	181904	53.077	ug/l	97
70) Styrene	12.412	104	300603	55.601	ug/l	98
71) Bromoform	12.582	173	84229	59.557	ug/l #	99
73) Isopropylbenzene	12.700	105	473528	50.639	ug/l	97
74) N-amyl acetate	12.494	43	154327	53.682	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	139727	49.011	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	121480m	50.198	ug/l	
77) Bromobenzene	12.982	156	119539	51.781	ug/l	83
78) n-propylbenzene	13.035	91	541371	51.876	ug/l	98
79) 2-Chlorotoluene	13.129	91	318189	50.604	ug/l	96
80) 1,3,5-Trimethylbenzene	13.176	105	412544	53.102	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	45549	55.690	ug/l	93
82) 4-Chlorotoluene	13.129	91	318189	50.604	ug/l	96
83) tert-Butylbenzene	13.441	119	358873	50.664	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	412605	52.947	ug/l	99
85) sec-Butylbenzene	13.618	105	515041	53.587	ug/l	98
86) p-Isopropyltoluene	13.729	119	454692	56.229	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	234133	53.528	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	230399	51.854	ug/l	97
89) n-Butylbenzene	14.059	91	381361	55.838	ug/l	98
90) Hexachloroethane	14.335	117	75113	53.844	ug/l	81
91) 1,2-Dichlorobenzene	14.106	146	228163	53.514	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	29262	54.184	ug/l	80
93) 1,2,4-Trichlorobenzene	15.394	180	128176	58.663	ug/l	99
94) Hexachlorobutadiene	15.506	225	65743	57.766	ug/l	100
95) Naphthalene	15.641	128	390807	56.855	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	121755	56.697	ug/l	97

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

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