

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012723\
 Data File : VN076428.D
 Acq On : 27 Jan 2023 09:44
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Jan 27 22:32:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011623W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 03:59:22 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 01/30/2023
 Supervised By : Semsettin Yesilyurt 01/30/2023

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	364956	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	553861	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	505858	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	249386	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	225229	55.117	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 110.240%			
35) Dibromofluoromethane	8.171	113	192828	55.656	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 111.320%			
50) Toluene-d8	10.565	98	641953	50.171	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.340%			
62) 4-Bromofluorobenzene	12.853	95	228217	54.636	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 109.280%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.142	85	160802	42.996	ug/l	96
3) Chloromethane	2.377	50	182333	47.088	ug/l	95
4) Vinyl Chloride	2.530	62	259245	54.600	ug/l	97
5) Bromomethane	2.953	94	189382	48.706	ug/l	97
6) Chloroethane	3.124	64	184205	51.738	ug/l	95
7) Trichlorofluoromethane	3.506	101	369439	56.557	ug/l	99
8) Diethyl Ether	3.971	74	127543	58.213	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.383	101	200670	54.266	ug/l	96
10) Methyl Iodide	4.600	142	296309	52.459	ug/l	95
11) Tert butyl alcohol	5.536	59	139686	255.566	ug/l	99
12) 1,1-Dichloroethene	4.353	96	186587	53.377	ug/l	87
13) Acrolein	4.189	56	191077	292.321	ug/l	98
14) Allyl chloride	5.042	41	255391	62.694	ug/l	88
15) Acrylonitrile	5.730	53	415718	267.277	ug/l	99
16) Acetone	4.442	43	348159	265.783	ug/l	99
17) Carbon Disulfide	4.724	76	417988	48.023	ug/l	97
18) Methyl Acetate	5.036	43	253568	57.117	ug/l	98
19) Methyl tert-butyl Ether	5.806	73	628938	55.267	ug/l	100
20) Methylene Chloride	5.289	84	214684	55.451	ug/l	97
21) trans-1,2-Dichloroethene	5.794	96	189120	49.940	ug/l	99
22) Diisopropyl ether	6.683	45	566378	58.957	ug/l	99
23) Vinyl Acetate	6.612	43	1772974	285.564	ug/l	99
24) 1,1-Dichloroethane	6.577	63	352981	55.123	ug/l	99
25) 2-Butanone	7.488	43	506387	253.104	ug/l	96
26) 2,2-Dichloropropane	7.500	77	251690	46.635	ug/l	98
27) cis-1,2-Dichloroethene	7.494	96	231107	52.325	ug/l	97
28) Bromochloromethane	7.824	49	157623	60.729	ug/l	93
29) Tetrahydrofuran	7.841	42	336376	272.413	ug/l	96
30) Chloroform	7.971	83	402376	56.789	ug/l	98
31) Cyclohexane	8.259	56	286271	45.604	ug/l	97
32) 1,1,1-Trichloroethane	8.177	97	359144	55.518	ug/l	95
36) 1,1-Dichloropropene	8.377	75	274702	55.798	ug/l	98
37) Ethyl Acetate	7.565	43	216500	54.823	ug/l	97
38) Carbon Tetrachloride	8.365	117	317236	57.783	ug/l	98
39) Methylcyclohexane	9.606	83	289450	48.145	ug/l	97
40) Benzene	8.612	78	813238	55.243	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	122807	59.396	ug/l	98
42) 1,2-Dichloroethane	8.677	62	302417	60.042	ug/l	97
43) Isopropyl Acetate	8.694	43	366325	57.025	ug/l	99
44) Trichloroethene	9.359	130	198344	47.638	ug/l	100
45) 1,2-Dichloropropane	9.624	63	182665	51.827	ug/l	97
46) Dibromomethane	9.712	93	134698	50.618	ug/l	98
47) Bromodichloromethane	9.888	83	289304	56.054	ug/l	97
48) Methyl methacrylate	9.682	41	163396	53.727	ug/l	96
49) 1,4-Dioxane	9.694	88	60342	940.328	ug/l	96
51) 4-Methyl-2-Pentanone	10.447	43	1011618	268.255	ug/l	98
52) Toluene	10.629	92	492686	50.047	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	272211	55.327	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	297592	52.575	ug/l	99
55) 1,1,2-Trichloroethane	11.018	97	194223	51.615	ug/l	99
56) Ethyl methacrylate	10.876	69	271647	55.917	ug/l	98
57) 1,3-Dichloropropane	11.165	76	321861	52.634	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	412796	251.701	ug/l	99
59) 2-Hexanone	11.200	43	708128	259.126	ug/l	100
60) Dibromochloromethane	11.359	129	226652	57.219	ug/l	99
61) 1,2-Dibromoethane	11.471	107	194533	51.793	ug/l	99
64) Tetrachloroethene	11.106	164	196468	43.067	ug/l	97
65) Chlorobenzene	11.894	112	532376	49.786	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	206521	51.909	ug/l	99
67) Ethyl Benzene	11.965	91	972755	53.153	ug/l	98
68) m/p-Xylenes	12.071	106	762126	103.853	ug/l	98
69) o-Xylene	12.400	106	372083	51.630	ug/l	96
70) Styrene	12.412	104	621360	53.999	ug/l	99
71) Bromoform	12.582	173	156757	54.558	ug/l #	99
73) Isopropylbenzene	12.700	105	997293	51.693	ug/l	99
74) N-amyl acetate	12.494	43	290594	52.364	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	275013	49.587	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	216251m	47.553	ug/l	
77) Bromobenzene	12.982	156	227031	50.338	ug/l	94
78) n-propylbenzene	13.035	91	1138998	52.323	ug/l	99
79) 2-Chlorotoluene	13.129	91	679236	50.849	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	854724	52.883	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	72053	48.072	ug/l	94
82) 4-Chlorotoluene	13.129	91	679236	50.849	ug/l	98
83) tert-Butylbenzene	13.441	119	737029	51.271	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	855393	52.780	ug/l	98
85) sec-Butylbenzene	13.617	105	1052519	52.766	ug/l	100
86) p-Isopropyltoluene	13.729	119	896080	54.631	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	442878	48.704	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	431501	49.884	ug/l	99
89) n-Butylbenzene	14.059	91	718193	55.158	ug/l	99
90) Hexachloroethane	14.335	117	152142	53.743	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	440072	48.590	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	48748	50.565	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	207803	47.550	ug/l	99
94) Hexachlorobutadiene	15.506	225	110068	45.797	ug/l	98
95) Naphthalene	15.641	128	588598	45.593	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	200021	47.998	ug/l	100

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

