

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100324\
 Data File : VN084283.D
 Acq On : 03 Oct 2024 08:43
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Oct 04 01:27:25 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N093024W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 01 07:11:01 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 10/04/2024
 Supervised By : Mahesh Dadoda 10/04/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	169381	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	285966	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	262806	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	131016	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	128394	51.125	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.240%			
35) Dibromofluoromethane	8.165	113	97715	51.831	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.660%			
50) Toluene-d8	10.565	98	372971	53.772	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 107.540%			
62) 4-Bromofluorobenzene	12.847	95	133948	53.009	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 106.020%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	95119	47.476	ug/l	92
3) Chloromethane	2.359	50	108201	47.298	ug/l	99
4) Vinyl Chloride	2.518	62	105528	47.622	ug/l	98
5) Bromomethane	2.948	94	67550	46.215	ug/l	97
6) Chloroethane	3.112	64	70468	44.403	ug/l	96
7) Trichlorofluoromethane	3.495	101	171396	49.671	ug/l	99
8) Diethyl Ether	3.959	74	60730	47.454	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.371	101	97746	49.437	ug/l	99
10) Methyl Iodide	4.589	142	125039	49.108	ug/l	94
11) Tert butyl alcohol	5.518	59	97421	235.255	ug/l	99
12) 1,1-Dichloroethene	4.342	96	92396	48.448	ug/l	95
13) Acrolein	4.177	56	116834	245.758	ug/l	99
14) Allyl chloride	5.024	41	149826	45.236	ug/l	100
15) Acrylonitrile	5.718	53	266760	255.093	ug/l	99
16) Acetone	4.424	43	294902	273.351	ug/l	96
17) Carbon Disulfide	4.712	76	270083	44.730	ug/l	100
18) Methyl Acetate	5.024	43	120617	51.296	ug/l	100
19) Methyl tert-butyl Ether	5.794	73	320510	49.793	ug/l	100
20) Methylene Chloride	5.277	84	108797	49.610	ug/l	94
21) trans-1,2-Dichloroethene	5.789	96	100414	50.256	ug/l	98
22) Diisopropyl ether	6.671	45	351280	51.275	ug/l	99
23) Vinyl Acetate	6.600	43	1328696	261.486	ug/l	99
24) 1,1-Dichloroethane	6.571	63	196861	51.383	ug/l	99
25) 2-Butanone	7.483	43	381981	259.958	ug/l	100
26) 2,2-Dichloropropane	7.488	77	171757	49.721	ug/l	98
27) cis-1,2-Dichloroethene	7.488	96	118403	49.040	ug/l	99
28) Bromochloromethane	7.812	49	87187	51.004	ug/l	99
29) Tetrahydrofuran	7.835	42	237704	262.138	ug/l	99
30) Chloroform	7.965	83	201087	50.529	ug/l	98
31) Cyclohexane	8.253	56	166819	44.845	ug/l	97
32) 1,1,1-Trichloroethane	8.165	97	179442	50.205	ug/l	100
36) 1,1-Dichloropropene	8.371	75	137099	50.065	ug/l	99
37) Ethyl Acetate	7.559	43	148071	52.706	ug/l	98
38) Carbon Tetrachloride	8.359	117	156653	52.150	ug/l	96
39) Methylcyclohexane	9.600	83	154837	50.803	ug/l	98
40) Benzene	8.606	78	437213	51.244	ug/l	99

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41) Methacrylonitrile	7.777	41	76729	50.308	ug/l	96
42) 1,2-Dichloroethane	8.671	62	151403	52.344	ug/l	100
43) Isopropyl Acetate	8.688	43	236525	42.983	ug/l	97
44) Trichloroethene	9.353	130	100209	50.287	ug/l	96
45) 1,2-Dichloropropane	9.624	63	109995	54.498	ug/l	100
46) Dibromomethane	9.706	93	75268	55.261	ug/l	98
47) Bromodichloromethane	9.888	83	161408	53.339	ug/l #	99
48) Methyl methacrylate	9.682	41	114801	52.409	ug/l	99
49) 1,4-Dioxane	9.694	88	42726	1059.482	ug/l	99
51) 4-Methyl-2-Pentanone	10.441	43	741671	277.321	ug/l	100
52) Toluene	10.629	92	272951	52.462	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	164126	53.208	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	174324	52.541	ug/l	99
55) 1,1,2-Trichloroethane	11.012	97	101963	54.667	ug/l	97
56) Ethyl methacrylate	10.871	69	167413	54.549	ug/l	100
57) 1,3-Dichloropropane	11.159	76	177240	53.181	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	382831	268.899	ug/l	99
59) 2-Hexanone	11.194	43	559511	279.911	ug/l	99
60) Dibromochloromethane	11.359	129	122149	55.428	ug/l	99
61) 1,2-Dibromoethane	11.470	107	101959	52.609	ug/l	100
64) Tetrachloroethene	11.100	164	91549	50.014	ug/l	98
65) Chlorobenzene	11.888	112	284880	48.889	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	101035	50.340	ug/l	99
67) Ethyl Benzene	11.965	91	518744	50.339	ug/l	99
68) m/p-Xylenes	12.070	106	391711	102.761	ug/l	99
69) o-Xylene	12.400	106	186483	51.708	ug/l	98
70) Styrene	12.412	104	328692	53.807	ug/l	99
71) Bromoform	12.576	173	80296	54.340	ug/l #	99
73) Isopropylbenzene	12.694	105	479675	47.979	ug/l	100
74) N-amyl acetate	12.494	43	214958	47.480	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	147357	49.017	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	122634m	45.849	ug/l	
77) Bromobenzene	12.976	156	115333	47.825	ug/l	97
78) n-propylbenzene	13.035	91	583225	50.350	ug/l	100
79) 2-Chlorotoluene	13.123	91	352076	47.633	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	417226	51.160	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	53699m	48.132	ug/l	
82) 4-Chlorotoluene	13.217	91	363150	48.806	ug/l	100
83) tert-Butylbenzene	13.435	119	336351	46.403	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	423234	51.516	ug/l	99
85) sec-Butylbenzene	13.617	105	487727	50.424	ug/l	99
86) p-Isopropyltoluene	13.729	119	412360	51.556	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	218515	48.300	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	217720	47.655	ug/l	99
89) n-Butylbenzene	14.053	91	360507	49.708	ug/l	99
90) Hexachloroethane	14.329	117	75448	46.472	ug/l	100
91) 1,2-Dichlorobenzene	14.106	146	212548	47.913	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	29217	47.097	ug/l	95
93) 1,2,4-Trichlorobenzene	15.388	180	101383	46.399	ug/l	99
94) Hexachlorobutadiene	15.500	225	47524	43.614	ug/l	98
95) Naphthalene	15.635	128	328212	45.310	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	100783	46.079	ug/l	99

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

