

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062424\
 Data File : VN082691.D
 Acq On : 24 Jun 2024 09:55
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/25/2024
 Supervised By : Mahesh Dadoda 06/25/2024

Quant Time: Jun 25 02:23:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061724W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 18 04:52:44 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	182491	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	303294	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	292648	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	152128	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	154641	52.842	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.680%			
35) Dibromofluoromethane	8.171	113	107291	52.146	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.300%			
50) Toluene-d8	10.571	98	399559	51.352	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.700%			
62) 4-Bromofluorobenzene	12.853	95	143734	53.581	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 107.160%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	110186	43.232	ug/l	98
3) Chloromethane	2.359	50	132796	43.464	ug/l	96
4) Vinyl Chloride	2.512	62	127873	43.978	ug/l	99
5) Bromomethane	2.942	94	80513	43.015	ug/l	98
6) Chloroethane	3.112	64	89666	43.247	ug/l	92
7) Trichlorofluoromethane	3.489	101	162796	42.915	ug/l	96
8) Diethyl Ether	3.959	74	67528	52.271	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.365	101	94056	44.266	ug/l	98
10) Methyl Iodide	4.589	142	101712	50.253	ug/l	97
11) Tert butyl alcohol	5.524	59	120670	251.940	ug/l	100
12) 1,1-Dichloroethene	4.336	96	91069	44.820	ug/l	90
13) Acrolein	4.177	56	98718	202.328	ug/l	99
14) Allyl chloride	5.024	41	183642	46.213	ug/l	97
15) Acrylonitrile	5.718	53	325255	257.264	ug/l	100
16) Acetone	4.424	43	285291	214.354	ug/l	99
17) Carbon Disulfide	4.712	76	256088	39.686	ug/l	100
18) Methyl Acetate	5.024	43	172442	52.974	ug/l	99
19) Methyl tert-butyl Ether	5.800	73	377139	54.224	ug/l	100
20) Methylene Chloride	5.277	84	118614	50.692	ug/l	94
21) trans-1,2-Dichloroethene	5.783	96	100040	46.327	ug/l	98
22) Diisopropyl ether	6.671	45	438997	52.677	ug/l	99
23) Vinyl Acetate	6.606	43	1773522	268.363	ug/l	99
24) 1,1-Dichloroethane	6.571	63	220508	48.844	ug/l	99
25) 2-Butanone	7.483	43	467856	247.313	ug/l	99
26) 2,2-Dichloropropane	7.489	77	187853	47.967	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	128844	49.518	ug/l	97
28) Bromochloromethane	7.818	49	107317	52.089	ug/l	99
29) Tetrahydrofuran	7.841	42	317503	274.161	ug/l	99
30) Chloroform	7.965	83	223087	50.658	ug/l	99
31) Cyclohexane	8.259	56	171748	40.665	ug/l	96
32) 1,1,1-Trichloroethane	8.165	97	189563	47.469	ug/l	99
36) 1,1-Dichloropropene	8.371	75	146266	47.555	ug/l	99
37) Ethyl Acetate	7.565	43	187634	47.891	ug/l	98
38) Carbon Tetrachloride	8.365	117	161122	46.483	ug/l	99
39) Methylcyclohexane	9.600	83	148688	45.935	ug/l	97
40) Benzene	8.606	78	471938	49.658	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	106031	52.944	ug/l	99
42) 1,2-Dichloroethane	8.671	62	191735	53.039	ug/l	100
43) Isopropyl Acetate	8.688	43	358272	48.931	ug/l	98
44) Trichloroethene	9.353	130	105012	47.585	ug/l	99
45) 1,2-Dichloropropane	9.624	63	127569	52.149	ug/l	98
46) Dibromomethane	9.712	93	87030	52.483	ug/l	98
47) Bromodichloromethane	9.888	83	186314	52.700	ug/l	98
48) Methyl methacrylate	9.682	41	158474	52.502	ug/l	100
49) 1,4-Dioxane	9.694	88	55506	1175.631	ug/l	99
51) 4-Methyl-2-Pentanone	10.447	43	1023167	272.441	ug/l	99
52) Toluene	10.630	92	298902	51.897	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	198044	54.797	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	202462	54.173	ug/l	99
55) 1,1,2-Trichloroethane	11.018	97	120052	57.589	ug/l	96
56) Ethyl methacrylate	10.877	69	197518	57.208	ug/l	98
57) 1,3-Dichloropropane	11.165	76	209599	54.388	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	510547	279.529	ug/l	100
59) 2-Hexanone	11.194	43	767346	268.830	ug/l	100
60) Dibromochloromethane	11.359	129	144535	56.798	ug/l	98
61) 1,2-Dibromoethane	11.471	107	116891	53.183	ug/l	96
64) Tetrachloroethene	11.106	164	105368	43.668	ug/l	98
65) Chlorobenzene	11.894	112	325489	48.502	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	121697	50.856	ug/l	99
67) Ethyl Benzene	11.965	91	568142	49.685	ug/l	99
68) m/p-Xylenes	12.071	106	438455	103.067	ug/l	98
69) o-Xylene	12.400	106	210950	52.780	ug/l	97
70) Styrene	12.412	104	373654	55.083	ug/l	100
71) Bromoform	12.582	173	100209	52.967	ug/l #	98
73) Isopropylbenzene	12.700	105	524090	45.368	ug/l	99
74) N-amyl acetate	12.494	43	291858	47.340	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	170676	45.295	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	164268m	44.148	ug/l	
77) Bromobenzene	12.982	156	137883	46.371	ug/l	99
78) n-propylbenzene	13.035	91	643282	47.077	ug/l	99
79) 2-Chlorotoluene	13.123	91	396548	46.276	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	448521	47.844	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	77745	49.989	ug/l	91
82) 4-Chlorotoluene	13.223	91	402943	47.072	ug/l	98
83) tert-Butylbenzene	13.441	119	373720	46.800	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	467505	49.712	ug/l	98
85) sec-Butylbenzene	13.618	105	529125	46.656	ug/l	99
86) p-Isopropyltoluene	13.729	119	447401	48.989	ug/l	100
87) 1,3-Dichlorobenzene	13.735	146	255174	47.331	ug/l	100
88) 1,4-Dichlorobenzene	13.812	146	251650	44.657	ug/l	100
89) n-Butylbenzene	14.059	91	386659	47.730	ug/l	99
90) Hexachloroethane	14.335	117	88083	44.328	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	247551	47.026	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	37466	46.981	ug/l	97
93) 1,2,4-Trichlorobenzene	15.394	180	130997	47.192	ug/l	99
94) Hexachlorobutadiene	15.500	225	53949	39.418	ug/l	98
95) Naphthalene	15.647	128	439517	51.466	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	132553	46.858	ug/l	99

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

