

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042624\
 Data File : VN081868.D
 Acq On : 26 Apr 2024 10:11
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Apr 26 22:55:35 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042524W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 26 05:26:49 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 04/29/2024
 Supervised By : Mahesh Dadoda 04/29/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	225425	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	425879	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	370800	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	159517	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	178473	46.910	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	93.820%		
35) Dibromofluoromethane	8.165	113	124096	48.396	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.800%		
50) Toluene-d8	10.565	98	487036	48.362	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	96.720%		
62) 4-Bromofluorobenzene	12.847	95	176934	44.445	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery =	88.900%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	132457	41.858	ug/l	96
3) Chloromethane	2.359	50	144671	43.824	ug/l	98
4) Vinyl Chloride	2.518	62	168977	56.547	ug/l	99
5) Bromomethane	2.959	94	70051	55.682	ug/l	92
6) Chloroethane	3.124	64	74613	49.401	ug/l	99
7) Trichlorofluoromethane	3.500	101	196054	42.412	ug/l	95
8) Diethyl Ether	3.959	74	101509	51.694	ug/l	86
9) 1,1,2-Trichlorotrifluo...	4.377	101	123247	45.923	ug/l	96
10) Methyl Iodide	4.589	142	134467	57.205	ug/l	93
11) Tert butyl alcohol	5.518	59	172677	249.664	ug/l	99
12) 1,1-Dichloroethene	4.342	96	125358	45.914	ug/l #	82
13) Acrolein	4.183	56	127315	235.541	ug/l	97
14) Allyl chloride	5.024	41	246635	42.705	ug/l #	91
15) Acrylonitrile	5.718	53	385426	232.074	ug/l	99
16) Acetone	4.424	43	264310	234.594	ug/l	98
17) Carbon Disulfide	4.712	76	346657	42.243	ug/l	96
18) Methyl Acetate	5.024	43	181660	47.140	ug/l	92
19) Methyl tert-butyl Ether	5.794	73	509905	49.493	ug/l	96
20) Methylene Chloride	5.271	84	153667	47.130	ug/l	84
21) trans-1,2-Dichloroethene	5.783	96	132301	44.442	ug/l	86
22) Diisopropyl ether	6.665	45	551576	49.356	ug/l #	94
23) Vinyl Acetate	6.600	43	2245952	247.344	ug/l #	93
24) 1,1-Dichloroethane	6.571	63	280202	48.172	ug/l	100
25) 2-Butanone	7.483	43	489911	226.876	ug/l #	86
26) 2,2-Dichloropropane	7.488	77	237310	44.350	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	168901	48.554	ug/l	85
28) Bromochloromethane	7.812	49	127944	46.280	ug/l #	80
29) Tetrahydrofuran	7.835	42	339597	219.305	ug/l	89
30) Chloroform	7.965	83	273119	47.370	ug/l	97
31) Cyclohexane	8.259	56	235148	41.028	ug/l	87
32) 1,1,1-Trichloroethane	8.171	97	222230	43.221	ug/l	95
36) 1,1-Dichloropropene	8.371	75	184830	44.307	ug/l	97
37) Ethyl Acetate	7.559	43	214215	47.494	ug/l	97
38) Carbon Tetrachloride	8.365	117	179171	43.946	ug/l	93
39) Methylcyclohexane	9.600	83	224146	44.243	ug/l	89
40) Benzene	8.606	78	609960	48.708	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	132076	45.892	ug/l	88
42) 1,2-Dichloroethane	8.671	62	218165	46.916	ug/l	99
43) Isopropyl Acetate	8.688	43	403178	47.540	ug/l	93
44) Trichloroethene	9.353	130	133720	46.315	ug/l	92
45) 1,2-Dichloropropane	9.618	63	159017	48.520	ug/l	100
46) Dibromomethane	9.712	93	102210	45.122	ug/l	94
47) Bromodichloromethane	9.888	83	221668	46.401	ug/l	98
48) Methyl methacrylate	9.682	41	186197	45.991	ug/l	88
49) 1,4-Dioxane	9.694	88	54839	891.190	ug/l #	74
51) 4-Methyl-2-Pentanone	10.441	43	1099172	230.233	ug/l	94
52) Toluene	10.629	92	362954	48.398	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	254886	49.034	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	270083	50.413	ug/l #	86
55) 1,1,2-Trichloroethane	11.018	97	139208	47.199	ug/l	98
56) Ethyl methacrylate	10.876	69	271308	48.309	ug/l #	84
57) 1,3-Dichloropropane	11.165	76	257518	49.111	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	642454	251.111	ug/l	90
59) 2-Hexanone	11.194	43	797108	224.351	ug/l	95
60) Dibromochloromethane	11.359	129	154317	49.399	ug/l	98
61) 1,2-Dibromoethane	11.471	107	138270	49.023	ug/l	98
64) Tetrachloroethene	11.106	164	125970	46.775	ug/l	98
65) Chlorobenzene	11.894	112	381250	47.082	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	124696	47.383	ug/l	97
67) Ethyl Benzene	11.965	91	687301	45.640	ug/l	98
68) m/p-Xylenes	12.070	106	503352	93.707	ug/l	92
69) o-Xylene	12.400	106	250169	47.704	ug/l	91
70) Styrene	12.412	104	429527	47.346	ug/l	95
71) Bromoform	12.576	173	90526	43.755	ug/l #	99
73) Isopropylbenzene	12.694	105	630132	44.430	ug/l	97
74) N-amyl acetate	12.494	43	355094	44.971	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.935	83	192124	45.110	ug/l	95
76) 1,2,3-Trichloropropane	12.994	75	174064m	42.086	ug/l	
77) Bromobenzene	12.976	156	135270	45.579	ug/l	70
78) n-propylbenzene	13.035	91	755080	43.830	ug/l	97
79) 2-Chlorotoluene	13.123	91	472884	43.144	ug/l	91
80) 1,3,5-Trimethylbenzene	13.170	105	526698	43.886	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.735	75	84087	41.661	ug/l	92
82) 4-Chlorotoluene	13.223	91	474437	44.586	ug/l	92
83) tert-Butylbenzene	13.441	119	431681	43.192	ug/l	92
84) 1,2,4-Trimethylbenzene	13.482	105	534141	44.567	ug/l	98
85) sec-Butylbenzene	13.617	105	628118	44.617	ug/l	96
86) p-Isopropyltoluene	13.729	119	508815	45.013	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	254549	45.967	ug/l	97
88) 1,4-Dichlorobenzene	13.812	146	260368	47.746	ug/l	95
89) n-Butylbenzene	14.053	91	484981	46.094	ug/l	97
90) Hexachloroethane	14.335	117	100422	45.161	ug/l	94
91) 1,2-Dichlorobenzene	14.106	146	257794	48.561	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.717	75	44309	42.733	ug/l	81
93) 1,2,4-Trichlorobenzene	15.394	180	151300	50.944	ug/l	99
94) Hexachlorobutadiene	15.500	225	52681	48.125	ug/l	100
95) Naphthalene	15.641	128	550149	49.022	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	147285	51.652	ug/l	98

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

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