

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052024\
 Data File : VN082200.D
 Acq On : 20 May 2024 11:02
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/21/2024
 Supervised By : Mahesh Dadoda 05/21/2024

Quant Time: May 21 03:43:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 16 05:21:06 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	207819	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	349407	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	323641	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	154500	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	156058	47.557	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	95.120%		
35) Dibromofluoromethane	8.165	113	109312	50.857	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	101.720%		
50) Toluene-d8	10.565	98	416144	50.499	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	101.000%		
62) 4-Bromofluorobenzene	12.847	95	151599	51.542	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery =	103.080%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	141151	47.109	ug/l	99
3) Chloromethane	2.359	50	148750	43.806	ug/l	98
4) Vinyl Chloride	2.518	62	145155	45.471	ug/l	100
5) Bromomethane	2.953	94	72902	39.731	ug/l	100
6) Chloroethane	3.124	64	94563	45.367	ug/l	99
7) Trichlorofluoromethane	3.501	101	197766	47.311	ug/l	97
8) Diethyl Ether	3.959	74	71821	48.230	ug/l	69
9) 1,1,2-Trichlorotrifluo...	4.371	101	115779	47.414	ug/l	98
10) Methyl Iodide	4.595	142	114808	46.769	ug/l	99
11) Tert butyl alcohol	5.518	59	114056	216.525	ug/l	99
12) 1,1-Dichloroethene	4.342	96	105090	46.303	ug/l #	72
13) Acrolein	4.177	56	78777	201.813	ug/l	98
14) Allyl chloride	5.024	41	215223	44.291	ug/l #	90
15) Acrylonitrile	5.712	53	318526	233.483	ug/l	99
16) Acetone	4.424	43	284674	211.475	ug/l	91
17) Carbon Disulfide	4.712	76	322592	44.007	ug/l	99
18) Methyl Acetate	5.024	43	150755	44.969	ug/l #	85
19) Methyl tert-butyl Ether	5.794	73	400351	48.258	ug/l	94
20) Methylene Chloride	5.277	84	123907	45.621	ug/l #	78
21) trans-1,2-Dichloroethene	5.789	96	116178	46.972	ug/l #	76
22) Diisopropyl ether	6.671	45	488424	48.136	ug/l #	91
23) Vinyl Acetate	6.600	43	1932992	241.623	ug/l #	89
24) 1,1-Dichloroethane	6.565	63	248813	47.574	ug/l	96
25) 2-Butanone	7.483	43	462854	226.783	ug/l #	82
26) 2,2-Dichloropropane	7.488	77	207590	47.389	ug/l	97
27) cis-1,2-Dichloroethene	7.488	96	139075	47.646	ug/l	81
28) Bromochloromethane	7.812	49	110521	48.558	ug/l #	76
29) Tetrahydrofuran	7.841	42	311388	237.627	ug/l #	81
30) Chloroform	7.965	83	241520	48.359	ug/l	98
31) Cyclohexane	8.259	56	223846	42.710	ug/l	86
32) 1,1,1-Trichloroethane	8.171	97	215135	48.554	ug/l	94
36) 1,1-Dichloropropene	8.371	75	174886	48.514	ug/l	96
37) Ethyl Acetate	7.559	43	196655	48.746	ug/l #	94
38) Carbon Tetrachloride	8.365	117	184114	50.383	ug/l	99
39) Methylcyclohexane	9.600	83	199807	50.566	ug/l #	83
40) Benzene	8.606	78	532584	49.544	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	106914	45.062	ug/l #	86
42) 1,2-Dichloroethane	8.671	62	201374	48.707	ug/l	94
43) Isopropyl Acetate	8.688	43	366911	51.327	ug/l #	87
44) Trichloroethene	9.353	130	117804	48.244	ug/l	93
45) 1,2-Dichloropropane	9.624	63	136460	49.200	ug/l	96
46) Dibromomethane	9.712	93	88740	48.734	ug/l	98
47) Bromodichloromethane	9.888	83	197838	51.465	ug/l #	99
48) Methyl methacrylate	9.682	41	166174	48.785	ug/l #	83
49) 1,4-Dioxane	9.694	88	44463	931.533	ug/l #	75
51) 4-Methyl-2-Pentanone	10.447	43	1016483	250.270	ug/l	89
52) Toluene	10.629	92	330838	51.285	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	206594	51.964	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	213701	50.780	ug/l #	78
55) 1,1,2-Trichloroethane	11.018	97	116888	49.860	ug/l	98
56) Ethyl methacrylate	10.876	69	207461	52.123	ug/l #	73
57) 1,3-Dichloropropane	11.165	76	215618	49.191	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	529051	257.698	ug/l	90
59) 2-Hexanone	11.194	43	744111	250.215	ug/l	89
60) Dibromochloromethane	11.359	129	139466	53.908	ug/l	98
61) 1,2-Dibromoethane	11.471	107	118841	49.354	ug/l	99
64) Tetrachloroethene	11.106	164	121086	50.477	ug/l	99
65) Chlorobenzene	11.894	112	345132	48.272	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	119892	50.908	ug/l	100
67) Ethyl Benzene	11.965	91	639458	49.997	ug/l	97
68) m/p-Xylenes	12.071	106	475489	101.437	ug/l	92
69) o-Xylene	12.400	106	229519	50.547	ug/l	92
70) Styrene	12.412	104	397146	52.657	ug/l	97
71) Bromoform	12.576	173	91859	49.055	ug/l #	99
73) Isopropylbenzene	12.694	105	602907	49.120	ug/l	98
74) N-amyl acetate	12.494	43	314085	46.521	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.941	83	162540	45.939	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	154360m	47.468	ug/l	
77) Bromobenzene	12.982	156	138158	47.232	ug/l	88
78) n-propylbenzene	13.035	91	725270	49.899	ug/l	96
79) 2-Chlorotoluene	13.123	91	433870	47.538	ug/l	93
80) 1,3,5-Trimethylbenzene	13.170	105	507342	51.118	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.735	75	73911	53.162	ug/l #	87
82) 4-Chlorotoluene	13.223	91	437271	49.002	ug/l	94
83) tert-Butylbenzene	13.441	119	426168	49.082	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	506810	49.913	ug/l	97
85) sec-Butylbenzene	13.617	105	610327	50.713	ug/l	98
86) p-Isopropyltoluene	13.729	119	508570	51.997	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	260295	49.118	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	258392	47.773	ug/l	99
89) n-Butylbenzene	14.059	91	446823	50.827	ug/l	98
90) Hexachloroethane	14.335	117	92738	51.175	ug/l	96
91) 1,2-Dichlorobenzene	14.106	146	247144	49.269	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	35739	49.163	ug/l	87
93) 1,2,4-Trichlorobenzene	15.394	180	140379	49.925	ug/l	98
94) Hexachlorobutadiene	15.506	225	58023	47.028	ug/l	97
95) Naphthalene	15.641	128	442843	50.256	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	138390	49.165	ug/l	96

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

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