

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022824\
 Data File : VN081260.D
 Acq On : 28 Feb 2024 22:05
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/29/2024
 Supervised By : Mahesh Dadoda 02/29/2024

Quant Time: Feb 28 23:34:26 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021624W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 16 23:45:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	222705	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	417806	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	397721	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	182659	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	170414	62.429	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 124.860%			
35) Dibromofluoromethane	8.165	113	144809	61.293	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 122.580%			
50) Toluene-d8	10.571	98	464425	55.347	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 110.700%			
62) 4-Bromofluorobenzene	12.847	95	190207	60.325	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 120.660%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.124	85	160357	55.678	ug/l	96
3) Chloromethane	2.365	50	159831	50.877	ug/l	98
4) Vinyl Chloride	2.518	62	174223	54.459	ug/l	95
5) Bromomethane	2.954	94	102087	44.928	ug/l	88
6) Chloroethane	3.118	64	124810	60.526	ug/l	99
7) Trichlorofluoromethane	3.495	101	277872	59.455	ug/l	90
8) Diethyl Ether	3.959	74	98176	57.456	ug/l	86
9) 1,1,2-Trichlorotrifluo...	4.371	101	157760	60.551	ug/l	94
10) Methyl Iodide	4.595	142	149499	51.406	ug/l	97
11) Tert butyl alcohol	5.524	59	146091	291.011	ug/l	100
12) 1,1-Dichloroethene	4.342	96	141778	56.294	ug/l	88
13) Acrolein	4.177	56	64425	239.439	ug/l	99
14) Allyl chloride	5.030	41	204989	54.856	ug/l #	90
15) Acrylonitrile	5.718	53	436701	333.083	ug/l	98
16) Acetone	4.424	43	320265	298.173	ug/l	97
17) Carbon Disulfide	4.718	76	338608	48.203	ug/l	96
18) Methyl Acetate	5.024	43	203556	77.687	ug/l	93
19) Methyl tert-butyl Ether	5.795	73	533655	61.867	ug/l	99
20) Methylene Chloride	5.283	84	171963	62.112	ug/l	88
21) trans-1,2-Dichloroethene	5.789	96	156122	55.561	ug/l	95
22) Diisopropyl ether	6.671	45	538950	63.579	ug/l #	93
23) Vinyl Acetate	6.606	43	2113186	307.257	ug/l #	92
24) 1,1-Dichloroethane	6.571	63	308759	62.994	ug/l	95
25) 2-Butanone	7.483	43	557833	321.476	ug/l	94
26) 2,2-Dichloropropane	7.495	77	237929	51.807	ug/l	99
27) cis-1,2-Dichloroethene	7.495	96	195357	59.840	ug/l	87
28) Bromochloromethane	7.812	49	135168	66.520	ug/l #	67
29) Tetrahydrofuran	7.842	42	367775	317.500	ug/l #	85
30) Chloroform	7.971	83	340874	65.419	ug/l	98
31) Cyclohexane	8.259	56	251342	53.325	ug/l #	79
32) 1,1,1-Trichloroethane	8.171	97	288806	60.859	ug/l	93
36) 1,1-Dichloropropene	8.377	75	230085	56.845	ug/l	98
37) Ethyl Acetate	7.559	43	233683	63.971	ug/l	97
38) Carbon Tetrachloride	8.365	117	247455	60.428	ug/l	97
39) Methylcyclohexane	9.606	83	259655	55.031	ug/l	91
40) Benzene	8.606	78	711437	60.725	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	131017	63.020	ug/l	96
42) 1,2-Dichloroethane	8.671	62	253787	62.090	ug/l	99
43) Isopropyl Acetate	8.689	43	400084	62.623	ug/l	97
44) Trichloroethene	9.353	130	180295	57.779	ug/l	99
45) 1,2-Dichloropropane	9.624	63	181298	61.863	ug/l	99
46) Dibromomethane	9.712	93	131455	61.563	ug/l	93
47) Bromodichloromethane	9.888	83	258600	63.945	ug/l #	98
48) Methyl methacrylate	9.683	41	191337	64.363	ug/l	92
49) 1,4-Dioxane	9.694	88	72284	1334.709	ug/l #	89
51) 4-Methyl-2-Pentanone	10.447	43	1244462	338.613	ug/l	95
52) Toluene	10.635	92	452029	60.946	ug/l	100
53) t-1,3-Dichloropropene	10.841	75	269740	60.021	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	289610	59.646	ug/l	93
55) 1,1,2-Trichloroethane	11.018	97	187802	65.834	ug/l	95
56) Ethyl methacrylate	10.877	69	276379	63.393	ug/l	90
57) 1,3-Dichloropropane	11.165	76	316418	64.150	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	720589	329.409	ug/l #	89
59) 2-Hexanone	11.200	43	924293	317.224	ug/l	96
60) Dibromochloromethane	11.365	129	195658	64.563	ug/l	95
61) 1,2-Dibromoethane	11.471	107	188855	62.956	ug/l	96
64) Tetrachloroethene	11.106	164	171195	63.068	ug/l	91
65) Chlorobenzene	11.894	112	471267	54.748	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.965	131	176001	56.926	ug/l	99
67) Ethyl Benzene	11.965	91	876859	56.928	ug/l	97
68) m/p-Xylenes	12.077	106	661020	111.961	ug/l	97
69) o-Xylene	12.400	106	325305	55.585	ug/l	97
70) Styrene	12.412	104	541893	58.433	ug/l	97
71) Bromoform	12.582	173	122897	62.654	ug/l #	96
73) Isopropylbenzene	12.700	105	861043	53.878	ug/l	98
74) N-amyl acetate	12.500	43	356671	52.806	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.941	83	260770	58.029	ug/l	99
76) 1,2,3-Trichloropropane	13.000	75	208221m	50.172	ug/l	
77) Bromobenzene	12.982	156	191739	53.808	ug/l	79
78) n-propylbenzene	13.041	91	1024129	55.666	ug/l	96
79) 2-Chlorotoluene	13.129	91	603025	53.438	ug/l	94
80) 1,3,5-Trimethylbenzene	13.176	105	728366	56.211	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.741	75	82797m	51.351	ug/l	
82) 4-Chlorotoluene	13.224	91	596933	54.100	ug/l	94
83) tert-Butylbenzene	13.441	119	628186	56.067	ug/l	95
84) 1,2,4-Trimethylbenzene	13.482	105	731847	56.679	ug/l	96
85) sec-Butylbenzene	13.618	105	904813	58.090	ug/l	95
86) p-Isopropyltoluene	13.735	119	743912	57.499	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	364601	54.152	ug/l	94
88) 1,4-Dichlorobenzene	13.818	146	361074	54.577	ug/l	97
89) n-Butylbenzene	14.059	91	661823	58.717	ug/l	97
90) Hexachloroethane	14.335	117	128832	60.243	ug/l	96
91) 1,2-Dichlorobenzene	14.112	146	352141	54.228	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	53305	57.053	ug/l	84
93) 1,2,4-Trichlorobenzene	15.400	180	191025	52.728	ug/l	98
94) Hexachlorobutadiene	15.506	225	68651	50.810	ug/l	98
95) Naphthalene	15.641	128	719648	54.207	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	199088	55.395	ug/l	100

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

