

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081524\
 Data File : VN083343.D
 Acq On : 15 Aug 2024 20:03
 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 08/16/2024
 Supervised By : Mahesh Dadoda 08/16/2024

Quant Time: Aug 16 04:00:19 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 08 06:30:41 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	136694	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	246434	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	218012	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	107529	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	121374	62.381	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 124.760%			
35) Dibromofluoromethane	8.165	113	88266	57.383	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 114.760%			
50) Toluene-d8	10.565	98	322787	56.256	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 112.520%			
62) 4-Bromofluorobenzene	12.847	95	127372	56.941	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 113.880%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.124	85	78360	50.551	ug/l	98
3) Chloromethane	2.359	50	78527	49.481	ug/l	97
4) Vinyl Chloride	2.512	62	88667	54.754	ug/l	99
5) Bromomethane	2.930	94	38656	38.471	ug/l	97
6) Chloroethane	3.106	64	58351	57.595	ug/l	98
7) Trichlorofluoromethane	3.489	101	154103	57.605	ug/l	97
8) Diethyl Ether	3.959	74	53852	54.098	ug/l	84
9) 1,1,2-Trichlorotrifluo...	4.371	101	82387	55.859	ug/l	99
10) Methyl Iodide	4.583	142	74001	38.142	ug/l	97
11) Tert butyl alcohol	5.524	59	121216	299.780	ug/l	98
12) 1,1-Dichloroethene	4.341	96	78413	51.748	ug/l	93
13) Acrolein	4.183	56	70377	267.053	ug/l	100
14) Allyl chloride	5.024	41	145544	50.828	ug/l	89
15) Acrylonitrile	5.718	53	241889	290.871	ug/l	98
16) Acetone	4.430	43	196819	258.516	ug/l	92
17) Carbon Disulfide	4.712	76	190644	42.998	ug/l	99
18) Methyl Acetate	5.024	43	139885	61.668	ug/l	93
19) Methyl tert-butyl Ether	5.794	73	307113	56.152	ug/l	98
20) Methylene Chloride	5.277	84	92377	52.721	ug/l	84
21) trans-1,2-Dichloroethene	5.788	96	82194	52.483	ug/l	90
22) Diisopropyl ether	6.671	45	306030	56.856	ug/l	95
23) Vinyl Acetate	6.606	43	1561954m	283.114	ug/l	
24) 1,1-Dichloroethane	6.571	63	170448	58.096	ug/l	99
25) 2-Butanone	7.488	43	329209	281.612	ug/l	91
26) 2,2-Dichloropropane	7.494	77	128471	47.152	ug/l	98
27) cis-1,2-Dichloroethene	7.488	96	103720	54.883	ug/l	93
28) Bromochloromethane	7.812	49	64661	53.930	ug/l	87
29) Tetrahydrofuran	7.841	42	219566	290.550	ug/l	88
30) Chloroform	7.965	83	180196	59.118	ug/l	99
31) Cyclohexane	8.259	56	137096	47.547	ug/l	95
32) 1,1,1-Trichloroethane	8.165	97	167422	58.029	ug/l	96
36) 1,1-Dichloropropene	8.371	75	120205	51.660	ug/l	100
37) Ethyl Acetate	7.559	43	133003	51.051	ug/l #	94
38) Carbon Tetrachloride	8.365	117	141641	54.045	ug/l	100
39) Methylcyclohexane	9.600	83	137044	47.951	ug/l	92
40) Benzene	8.606	78	374221	53.986	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	75445	50.931	ug/l	95
42) 1,2-Dichloroethane	8.676	62	143973	57.017	ug/l	98
43) Isopropyl Acetate	8.688	43	231019	51.210	ug/l #	92
44) Trichloroethene	9.353	130	86119	52.196	ug/l	93
45) 1,2-Dichloropropane	9.623	63	93425	56.780	ug/l	95
46) Dibromomethane	9.712	93	67347	57.183	ug/l	98
47) Bromodichloromethane	9.888	83	145019	54.839	ug/l	97
48) Methyl methacrylate	9.682	41	110623	51.359	ug/l	91
49) 1,4-Dioxane	9.694	88	41828	1076.408	ug/l	96
51) 4-Methyl-2-Pentanone	10.447	43	713110	289.451	ug/l	94
52) Toluene	10.629	92	235001	53.656	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	144881	53.336	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	150715	52.164	ug/l	92
55) 1,1,2-Trichloroethane	11.018	97	91116	58.052	ug/l	97
56) Ethyl methacrylate	10.876	69	158426	53.542	ug/l	90
57) 1,3-Dichloropropane	11.165	76	158537	56.668	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	340857	272.524	ug/l	97
59) 2-Hexanone	11.200	43	535360	280.883	ug/l	93
60) Dibromochloromethane	11.359	129	107223	56.502	ug/l	99
61) 1,2-Dibromoethane	11.470	107	91637	55.577	ug/l	99
64) Tetrachloroethene	11.106	164	75510	52.298	ug/l	94
65) Chlorobenzene	11.894	112	255853	53.106	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	92537	54.461	ug/l	98
67) Ethyl Benzene	11.964	91	464046	52.505	ug/l	99
68) m/p-Xylenes	12.070	106	348213	105.178	ug/l	97
69) o-Xylene	12.400	106	172946	52.966	ug/l	100
70) Styrene	12.412	104	296948	54.147	ug/l	98
71) Bromoform	12.582	173	70522	54.786	ug/l #	100
73) Isopropylbenzene	12.694	105	453395	50.411	ug/l	100
74) N-amyl acetate	12.494	43	210042	47.744	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.941	83	137195	53.933	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	104601m	44.323	ug/l	
77) Bromobenzene	12.982	156	102978	51.542	ug/l	95
78) n-propylbenzene	13.035	91	530990	51.272	ug/l	100
79) 2-Chlorotoluene	13.123	91	331409	50.474	ug/l	98
80) 1,3,5-Trimethylbenzene	13.170	105	385659	51.217	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	45011	41.487	ug/l	98
82) 4-Chlorotoluene	13.223	91	329781	50.073	ug/l	98
83) tert-Butylbenzene	13.441	119	338032	50.692	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	393338	51.834	ug/l	100
85) sec-Butylbenzene	13.617	105	460243	50.582	ug/l	99
86) p-Isopropyltoluene	13.729	119	386616	51.461	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	194068	51.622	ug/l	99
88) 1,4-Dichlorobenzene	13.811	146	191670	50.572	ug/l	98
89) n-Butylbenzene	14.058	91	333890	51.290	ug/l	99
90) Hexachloroethane	14.335	117	72017	49.617	ug/l	93
91) 1,2-Dichlorobenzene	14.106	146	187824	51.629	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	30442	49.316	ug/l	100
93) 1,2,4-Trichlorobenzene	15.394	180	99776	48.955	ug/l	98
94) Hexachlorobutadiene	15.500	225	39990	44.119	ug/l	100
95) Naphthalene	15.641	128	359807	49.839	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	99366	49.272	ug/l	97

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

