

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070824\
 Data File : VN082814.D
 Acq On : 08 Jul 2024 11:10
 Operator : JC\MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/08/2024
 Supervised By : Mahesh Dadoda 07/09/2024

Quant Time: Jul 08 13:21:56 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 08 13:14:54 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	162960	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	271458	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	247624	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	116897	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	110037	48.170	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.340%		
35) Dibromofluoromethane	8.171	113	86550	49.688	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.380%		
50) Toluene-d8	10.571	98	325058	50.525	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	101.060%		
62) 4-Bromofluorobenzene	12.847	95	115590	50.017	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery =	100.040%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	109690	51.991	ug/l	99
3) Chloromethane	2.359	50	95821	47.891	ug/l	98
4) Vinyl Chloride	2.512	62	105465	50.189	ug/l	100
5) Bromomethane	2.942	94	71299	47.060	ug/l	98
6) Chloroethane	3.106	64	69611	48.409	ug/l	98
7) Trichlorofluoromethane	3.489	101	144046	47.661	ug/l	99
8) Diethyl Ether	3.959	74	54593	52.780	ug/l	77
9) 1,1,2-Trichlorotrifluo...	4.371	101	85856	50.192	ug/l	96
10) Methyl Iodide	4.589	142	96703	55.141	ug/l	96
11) Tert butyl alcohol	5.524	59	94862	246.897	ug/l	98
12) 1,1-Dichloroethene	4.342	96	82994	49.890	ug/l	85
13) Acrolein	4.177	56	67622	243.775	ug/l	100
14) Allyl chloride	5.024	41	122284	47.145	ug/l #	94
15) Acrylonitrile	5.718	53	216883	245.623	ug/l	99
16) Acetone	4.430	43	192821	239.748	ug/l	92
17) Carbon Disulfide	4.712	76	236389	47.554	ug/l	98
18) Methyl Acetate	5.024	43	100069	47.021	ug/l #	89
19) Methyl tert-butyl Ether	5.795	73	290043	50.544	ug/l	95
20) Methylene Chloride	5.277	84	91011	46.857	ug/l #	83
21) trans-1,2-Dichloroethene	5.789	96	86896	48.208	ug/l	89
22) Diisopropyl ether	6.671	45	271974	50.120	ug/l #	94
23) Vinyl Acetate	6.606	43	1110411	257.675	ug/l #	95
24) 1,1-Dichloroethane	6.565	63	163496	49.671	ug/l	99
25) 2-Butanone	7.483	43	298983	246.198	ug/l	91
26) 2,2-Dichloropropane	7.489	77	155993	50.971	ug/l	98
27) cis-1,2-Dichloroethene	7.489	96	104869	49.694	ug/l	91
28) Bromochloromethane	7.818	49	66941	47.406	ug/l #	78
29) Tetrahydrofuran	7.841	42	189651	248.062	ug/l #	84
30) Chloroform	7.965	83	171228	49.035	ug/l	97
31) Cyclohexane	8.259	56	136395	45.670	ug/l	89
32) 1,1,1-Trichloroethane	8.171	97	159727	49.266	ug/l	97
36) 1,1-Dichloropropene	8.371	75	123187	51.294	ug/l	98
37) Ethyl Acetate	7.565	43	120764	49.391	ug/l #	95
38) Carbon Tetrachloride	8.359	117	146712	50.737	ug/l	98
39) Methylcyclohexane	9.606	83	133790	51.574	ug/l	93
40) Benzene	8.606	78	368899	49.936	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	64778	49.177	ug/l #	92
42) 1,2-Dichloroethane	8.671	62	132651	49.879	ug/l	96
43) Isopropyl Acetate	8.688	43	228819	49.657	ug/l #	96
44) Trichloroethene	9.353	130	93653	49.483	ug/l	98
45) 1,2-Dichloropropane	9.624	63	88199	51.139	ug/l	99
46) Dibromomethane	9.712	93	67858	50.504	ug/l	97
47) Bromodichloromethane	9.888	83	137652	49.583	ug/l	99
48) Methyl methacrylate	9.683	41	97131	50.663	ug/l #	88
49) 1,4-Dioxane	9.694	88	41625	1013.801	ug/l #	91
51) 4-Methyl-2-Pentanone	10.447	43	618235	255.051	ug/l	92
52) Toluene	10.630	92	239806	51.966	ug/l	97
53) t-1,3-Dichloropropene	10.835	75	148381	51.882	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	152662	50.429	ug/l	92
55) 1,1,2-Trichloroethane	11.018	97	86902	51.212	ug/l	95
56) Ethyl methacrylate	10.877	69	144344	54.675	ug/l	87
57) 1,3-Dichloropropane	11.165	76	151250	50.354	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	362513	267.600	ug/l	94
59) 2-Hexanone	11.194	43	475429	263.808	ug/l	92
60) Dibromochloromethane	11.359	129	111362	51.525	ug/l	98
61) 1,2-Dibromoethane	11.471	107	91913	51.005	ug/l	98
64) Tetrachloroethene	11.106	164	89455	48.421	ug/l	98
65) Chlorobenzene	11.894	112	261789	49.336	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.965	131	94123	49.869	ug/l	99
67) Ethyl Benzene	11.965	91	460081	51.590	ug/l	100
68) m/p-Xylenes	12.071	106	354002	105.141	ug/l	97
69) o-Xylene	12.400	106	169262	52.466	ug/l	96
70) Styrene	12.412	104	291465	54.679	ug/l	99
71) Bromoform	12.576	173	77350	52.111	ug/l #	100
73) Isopropylbenzene	12.694	105	434786	51.186	ug/l	98
74) N-amyl acetate	12.494	43	182974	52.077	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.941	83	121374	47.711	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	98641m	42.659	ug/l	
77) Bromobenzene	12.982	156	106881	48.774	ug/l	93
78) n-propylbenzene	13.035	91	504292	51.635	ug/l	98
79) 2-Chlorotoluene	13.123	91	306078	49.187	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	355187	51.730	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	56080	54.726	ug/l	86
82) 4-Chlorotoluene	13.223	91	304192	49.387	ug/l	97
83) tert-Butylbenzene	13.441	119	311791	51.221	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	367324	52.489	ug/l	99
85) sec-Butylbenzene	13.618	105	426761	51.881	ug/l	99
86) p-Isopropyltoluene	13.729	119	363139	52.913	ug/l	100
87) 1,3-Dichlorobenzene	13.735	146	194785	49.205	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	194516	48.965	ug/l	100
89) n-Butylbenzene	14.059	91	301729	51.317	ug/l	98
90) Hexachloroethane	14.335	117	71323	49.115	ug/l	100
91) 1,2-Dichlorobenzene	14.106	146	185358	48.225	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	28240	47.983	ug/l	90
93) 1,2,4-Trichlorobenzene	15.394	180	105682	51.045	ug/l	99
94) Hexachlorobutadiene	15.506	225	44690	48.692	ug/l	97
95) Naphthalene	15.641	128	365957	51.608	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	104263	48.979	ug/l	98

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

