

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN053124\
 Data File : VN082397.D
 Acq On : 31 May 2024 10:01
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: May 31 22:53:03 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

Manual Integrations APPROVED

Reviewed By : John Carlone 06/03/2024
 Supervised By : Mahesh Dadoda 06/03/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	185814	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	306721	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	287633	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	138917	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	139898	47.681	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	95.360%		
35) Dibromofluoromethane	8.165	113	97652	51.755	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	103.520%		
50) Toluene-d8	10.570	98	370254	51.183	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	102.360%		
62) 4-Bromofluorobenzene	12.847	95	137747	53.350	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery =	106.700%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	120154	44.851	ug/l	96
3) Chloromethane	2.359	50	126911	41.801	ug/l	99
4) Vinyl Chloride	2.518	62	156394	54.793	ug/l	99
5) Bromomethane	2.947	94	72377	44.116	ug/l	99
6) Chloroethane	3.118	64	86817	46.583	ug/l	99
7) Trichlorofluoromethane	3.500	101	184673	49.410	ug/l	99
8) Diethyl Ether	3.959	74	68525	51.466	ug/l	74
9) 1,1,2-Trichlorotrifluo...	4.377	101	107284	49.138	ug/l	97
10) Methyl Iodide	4.589	142	110591	50.386	ug/l	94
11) Tert butyl alcohol	5.518	59	102613	217.871	ug/l	99
12) 1,1-Dichloroethene	4.341	96	99580	49.071	ug/l #	82
13) Acrolein	4.177	56	96381	276.152	ug/l	97
14) Allyl chloride	5.024	41	197297	45.411	ug/l #	92
15) Acrylonitrile	5.718	53	296571	243.134	ug/l	99
16) Acetone	4.424	43	284531	236.400	ug/l	91
17) Carbon Disulfide	4.718	76	255274	38.948	ug/l	98
18) Methyl Acetate	5.018	43	152070	50.734	ug/l #	87
19) Methyl tert-butyl Ether	5.794	73	388314	52.351	ug/l #	90
20) Methylene Chloride	5.277	84	117221	48.271	ug/l #	76
21) trans-1,2-Dichloroethene	5.788	96	105165	47.555	ug/l #	78
22) Diisopropyl ether	6.671	45	466494	51.419	ug/l #	93
23) Vinyl Acetate	6.600	43	1781701	249.086	ug/l #	90
24) 1,1-Dichloroethane	6.565	63	233866	50.012	ug/l	98
25) 2-Butanone	7.477	43	441918	242.167	ug/l #	83
26) 2,2-Dichloropropane	7.494	77	211616	54.028	ug/l	96
27) cis-1,2-Dichloroethene	7.488	96	133877	51.297	ug/l	80
28) Bromochloromethane	7.812	49	98461	48.374	ug/l #	77
29) Tetrahydrofuran	7.835	42	276180	235.718	ug/l #	84
30) Chloroform	7.965	83	237004	53.074	ug/l	99
31) Cyclohexane	8.253	56	201846	43.073	ug/l	87
32) 1,1,1-Trichloroethane	8.171	97	208415	52.608	ug/l	95
36) 1,1-Dichloropropene	8.371	75	162918	51.483	ug/l	96
37) Ethyl Acetate	7.559	43	179268	50.620	ug/l #	95
38) Carbon Tetrachloride	8.359	117	179028	55.809	ug/l	97
39) Methylcyclohexane	9.600	83	174868	50.414	ug/l #	87
40) Benzene	8.606	78	500801	53.071	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	98220	47.159	ug/l #	86
42) 1,2-Dichloroethane	8.671	62	192296	52.985	ug/l	95
43) Isopropyl Acetate	8.688	43	323263	51.515	ug/l #	90
44) Trichloroethene	9.353	130	113781	53.081	ug/l	93
45) 1,2-Dichloropropane	9.623	63	130638	53.656	ug/l	94
46) Dibromomethane	9.706	93	86392	54.047	ug/l	99
47) Bromodichloromethane	9.888	83	193353	57.298	ug/l	99
48) Methyl methacrylate	9.682	41	157507	52.676	ug/l #	83
49) 1,4-Dioxane	9.694	88	45363	1082.653	ug/l #	81
51) 4-Methyl-2-Pentanone	10.447	43	942026	264.217	ug/l	90
52) Toluene	10.629	92	316029	55.807	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	205587	58.907	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	212006	57.388	ug/l #	79
55) 1,1,2-Trichloroethane	11.018	97	115939	56.338	ug/l	98
56) Ethyl methacrylate	10.876	69	196670	56.289	ug/l #	72
57) 1,3-Dichloropropane	11.165	76	208425	54.168	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	475925	264.083	ug/l	91
59) 2-Hexanone	11.194	43	709111	271.630	ug/l	90
60) Dibromochloromethane	11.359	129	142529	62.759	ug/l	100
61) 1,2-Dibromoethane	11.470	107	115961	54.860	ug/l	100
64) Tetrachloroethene	11.106	164	110860	52.000	ug/l	97
65) Chlorobenzene	11.894	112	336477	52.953	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	119853	57.263	ug/l	99
67) Ethyl Benzene	11.965	91	613778	53.997	ug/l	98
68) m/p-Xylenes	12.070	106	461399	110.753	ug/l	94
69) o-Xylene	12.400	106	221446	54.875	ug/l	91
70) Styrene	12.412	104	389115	58.051	ug/l	96
71) Bromoform	12.576	173	92570	55.529	ug/l #	98
73) Isopropylbenzene	12.694	105	580147	52.568	ug/l	98
74) N-amyl acetate	12.494	43	294628	48.534	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.935	83	159732	50.209	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	151530m	51.825	ug/l	
77) Bromobenzene	12.982	156	137869	52.420	ug/l	89
78) n-propylbenzene	13.035	91	701156	53.652	ug/l	97
79) 2-Chlorotoluene	13.123	91	420743	51.270	ug/l	95
80) 1,3,5-Trimethylbenzene	13.176	105	485364	54.390	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.735	75	64476	51.578	ug/l #	82
82) 4-Chlorotoluene	13.223	91	422165	52.616	ug/l	96
83) tert-Butylbenzene	13.441	119	419785	53.770	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	492027	53.892	ug/l	97
85) sec-Butylbenzene	13.617	105	586653	54.214	ug/l	97
86) p-Isopropyltoluene	13.729	119	490062	55.725	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	256945	53.925	ug/l	99
88) 1,4-Dichlorobenzene	13.811	146	256769	52.799	ug/l	98
89) n-Butylbenzene	14.059	91	439599	55.614	ug/l	98
90) Hexachloroethane	14.335	117	93532	57.403	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	245748	54.486	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	33401	51.101	ug/l	87
93) 1,2,4-Trichlorobenzene	15.394	180	135963	53.779	ug/l	98
94) Hexachlorobutadiene	15.500	225	57332	51.680	ug/l	96
95) Naphthalene	15.641	128	428454	54.078	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	136398	53.893	ug/l	98

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

