

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051524\
 Data File : VN082147.D
 Acq On : 15 May 2024 21:37
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: May 16 05:53:51 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 05/16/2024
 Supervised By : Mahesh Dadoda 05/16/2024

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	188860	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	325934	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	300489	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	140689	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	155367	52.099	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.200%			
35) Dibromofluoromethane	8.165	113	102772	51.258	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.520%			
50) Toluene-d8	10.571	98	394859	51.367	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.740%			
62) 4-Bromofluorobenzene	12.853	95	145034	52.861	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 105.720%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	134767	49.494	ug/l	99
3) Chloromethane	2.360	50	153420	49.717	ug/l	100
4) Vinyl Chloride	2.518	62	146044	50.342	ug/l	98
5) Bromomethane	2.954	94	78528	47.094	ug/l	98
6) Chloroethane	3.124	64	94185	49.721	ug/l	99
7) Trichlorofluoromethane	3.501	101	187337	49.315	ug/l	100
8) Diethyl Ether	3.959	74	72430	53.521	ug/l	68
9) 1,1,2-Trichlorotrifluo...	4.377	101	105069	47.347	ug/l	98
10) Methyl Iodide	4.595	142	123883	55.532	ug/l	95
11) Tert butyl alcohol	5.518	59	124218	259.490	ug/l	98
12) 1,1-Dichloroethene	4.342	96	102989	49.932	ug/l #	78
13) Acrolein	4.177	56	93806	264.440	ug/l	97
14) Allyl chloride	5.024	41	218546	49.490	ug/l #	90
15) Acrylonitrile	5.718	53	326085	263.019	ug/l	99
16) Acetone	4.424	43	291766	238.502	ug/l	92
17) Carbon Disulfide	4.712	76	313719	47.093	ug/l	99
18) Methyl Acetate	5.024	43	152679	50.115	ug/l #	85
19) Methyl tert-butyl Ether	5.795	73	401852	53.302	ug/l	94
20) Methylene Chloride	5.271	84	122291	49.547	ug/l #	76
21) trans-1,2-Dichloroethene	5.789	96	111035	49.400	ug/l #	80
22) Diisopropyl ether	6.677	45	487554	52.873	ug/l #	93
23) Vinyl Acetate	6.600	43	1980605	272.428	ug/l #	89
24) 1,1-Dichloroethane	6.571	63	242892	51.104	ug/l	96
25) 2-Butanone	7.483	43	479591	258.573	ug/l #	85
26) 2,2-Dichloropropane	7.494	77	186525	46.854	ug/l	96
27) cis-1,2-Dichloroethene	7.489	96	136457	51.442	ug/l	82
28) Bromochloromethane	7.812	49	107414	52.100	ug/l #	74
29) Tetrahydrofuran	7.836	42	316565	265.829	ug/l #	82
30) Chloroform	7.965	83	235718	51.935	ug/l	97
31) Cyclohexane	8.259	56	210121	44.116	ug/l #	83
32) 1,1,1-Trichloroethane	8.165	97	204402	50.763	ug/l	94
36) 1,1-Dichloropropene	8.371	75	167080	49.686	ug/l	95
37) Ethyl Acetate	7.559	43	193863	51.515	ug/l #	93
38) Carbon Tetrachloride	8.365	117	173506	50.900	ug/l	97
39) Methylcyclohexane	9.600	83	183270	49.721	ug/l #	86
40) Benzene	8.606	78	515033	51.362	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	116905	52.821	ug/l #	84
42) 1,2-Dichloroethane	8.671	62	198187	51.389	ug/l	95
43) Isopropyl Acetate	8.688	43	352500	52.862	ug/l #	88
44) Trichloroethene	9.353	130	111757	49.063	ug/l	88
45) 1,2-Dichloropropane	9.624	63	133090	51.441	ug/l	100
46) Dibromomethane	9.712	93	85701	50.454	ug/l	97
47) Bromodichloromethane	9.888	83	188954	52.694	ug/l	97
48) Methyl methacrylate	9.683	41	168502	53.031	ug/l #	82
49) 1,4-Dioxane	9.694	88	46897	1053.287	ug/l #	74
51) 4-Methyl-2-Pentanone	10.447	43	1030331	271.949	ug/l	89
52) Toluene	10.630	92	314849	52.321	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	197864	53.352	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	203929	51.948	ug/l #	77
55) 1,1,2-Trichloroethane	11.018	97	114184	52.214	ug/l	98
56) Ethyl methacrylate	10.877	69	207069	55.772	ug/l #	71
57) 1,3-Dichloropropane	11.165	76	213056	52.107	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	530041	276.774	ug/l	89
59) 2-Hexanone	11.194	43	755336	272.281	ug/l	89
60) Dibromochloromethane	11.359	129	131585	54.524	ug/l	98
61) 1,2-Dibromoethane	11.471	107	115464	51.405	ug/l	100
64) Tetrachloroethene	11.106	164	106295	47.726	ug/l	95
65) Chlorobenzene	11.894	112	329299	49.606	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.965	131	114389	52.314	ug/l	99
67) Ethyl Benzene	11.965	91	605111	50.957	ug/l	97
68) m/p-Xylenes	12.071	106	444497	102.131	ug/l	91
69) o-Xylene	12.400	106	217261	51.534	ug/l	91
70) Styrene	12.412	104	375667	53.647	ug/l	96
71) Bromoform	12.576	173	87776	50.466	ug/l #	99
73) Isopropylbenzene	12.694	105	561733	50.258	ug/l	97
74) N-amyl acetate	12.494	43	315862	51.377	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.941	83	162927	50.569	ug/l	97
76) 1,2,3-Trichloropropane	12.994	75	150841m	50.940	ug/l	
77) Bromobenzene	12.982	156	132160	49.617	ug/l	87
78) n-propylbenzene	13.035	91	671496	50.735	ug/l	96
79) 2-Chlorotoluene	13.124	91	408484	49.150	ug/l	92
80) 1,3,5-Trimethylbenzene	13.176	105	468449	51.833	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.735	75	61478	48.560	ug/l #	79
82) 4-Chlorotoluene	13.224	91	409731	50.423	ug/l	94
83) tert-Butylbenzene	13.441	119	399296	50.502	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	480083	51.922	ug/l	96
85) sec-Butylbenzene	13.618	105	560486	51.143	ug/l	97
86) p-Isopropyltoluene	13.729	119	466042	52.326	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	240989	49.939	ug/l	100
88) 1,4-Dichlorobenzene	13.812	146	237620	48.246	ug/l	97
89) n-Butylbenzene	14.059	91	404751	50.561	ug/l	98
90) Hexachloroethane	14.335	117	84253	51.057	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	228718	50.072	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.718	75	34440	52.027	ug/l	86
93) 1,2,4-Trichlorobenzene	15.394	180	128142	50.047	ug/l	98
94) Hexachlorobutadiene	15.500	225	50305	44.775	ug/l	97
95) Naphthalene	15.641	128	431545	53.782	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	130851	51.050	ug/l	97

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

