

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061324\
 Data File : VN082547.D
 Acq On : 13 Jun 2024 09:56
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Jun 14 02:18:07 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 06/14/2024
 Supervised By : Semsettin Yesilyurt 06/14/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	181531	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	300596	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	283617	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	141979	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	152037	53.041	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.080%			
35) Dibromofluoromethane	8.171	113	112099	60.623	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 121.240%			
50) Toluene-d8	10.571	98	391256	55.189	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 110.380%			
62) 4-Bromofluorobenzene	12.853	95	150736	59.571	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 119.140%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	135126	51.629	ug/l	96
3) Chloromethane	2.365	50	146620	49.432	ug/l	100
4) Vinyl Chloride	2.518	62	145149	52.054	ug/l	96
5) Bromomethane	2.953	94	84054	52.443	ug/l	92
6) Chloroethane	3.118	64	94658	51.988	ug/l	96
7) Trichlorofluoromethane	3.500	101	196829	53.905	ug/l	100
8) Diethyl Ether	3.959	74	72704	55.893	ug/l	73
9) 1,1,2-Trichlorotrifluo...	4.377	101	111753	52.392	ug/l	98
10) Methyl Iodide	4.589	142	123275	57.490	ug/l	96
11) Tert butyl alcohol	5.524	59	104926	228.039	ug/l	98
12) 1,1-Dichloroethene	4.347	96	105452	53.190	ug/l #	82
13) Acrolein	4.177	56	77240	226.531	ug/l	98
14) Allyl chloride	5.024	41	209480	49.352	ug/l #	92
15) Acrylonitrile	5.718	53	323216	271.230	ug/l	100
16) Acetone	4.430	43	289645	246.327	ug/l	93
17) Carbon Disulfide	4.712	76	310604	48.508	ug/l	97
18) Methyl Acetate	5.024	43	167049	57.046	ug/l #	87
19) Methyl tert-butyl Ether	5.794	73	406146	56.047	ug/l	93
20) Methylene Chloride	5.277	84	126977	53.522	ug/l #	78
21) trans-1,2-Dichloroethene	5.789	96	113626	52.593	ug/l #	75
22) Diisopropyl ether	6.671	45	489510	55.229	ug/l #	92
23) Vinyl Acetate	6.606	43	1922355	275.091	ug/l #	90
24) 1,1-Dichloroethane	6.565	63	248351	54.363	ug/l	97
25) 2-Butanone	7.483	43	469254	263.214	ug/l #	86
26) 2,2-Dichloropropane	7.488	77	211470	55.265	ug/l	96
27) cis-1,2-Dichloroethene	7.488	96	142372	55.839	ug/l	83
28) Bromochloromethane	7.812	49	96551	48.563	ug/l #	79
29) Tetrahydrofuran	7.835	42	306016	267.345	ug/l #	83
30) Chloroform	7.965	83	246549	56.514	ug/l	99
31) Cyclohexane	8.259	56	209579	45.778	ug/l	88
32) 1,1,1-Trichloroethane	8.171	97	217601	56.223	ug/l	94
36) 1,1-Dichloropropene	8.371	75	171053	55.156	ug/l	96
37) Ethyl Acetate	7.559	43	192619	55.498	ug/l #	94
38) Carbon Tetrachloride	8.365	117	187283	59.572	ug/l	96
39) Methylcyclohexane	9.600	83	185837	54.667	ug/l #	84
40) Benzene	8.606	78	529946	57.304	ug/l	99

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 Quant Title : SW846 8260
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Reviewed By :John Carlone 06/14/2024
 Supervised By :Semsettin Yesilyurt 06/14/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	112541	55.136	ug/l #	85
42) 1,2-Dichloroethane	8.671	62	203350	57.172	ug/l	95
43) Isopropyl Acetate	8.688	43	344624	56.038	ug/l #	90
44) Trichloroethene	9.353	130	117857	56.103	ug/l	86
45) 1,2-Dichloropropane	9.624	63	138131	57.890	ug/l	96
46) Dibromomethane	9.712	93	92430	59.002	ug/l	98
47) Bromodichloromethane	9.888	83	200651	60.672	ug/l	99
48) Methyl methacrylate	9.682	41	166286	56.745	ug/l #	82
49) 1,4-Dioxane	9.694	88	45451	1106.857	ug/l #	79
51) 4-Methyl-2-Pentanone	10.447	43	1008739	288.693	ug/l	91
52) Toluene	10.629	92	331810	59.787	ug/l	98
53) t-1,3-Dichloropropene	10.841	75	214007	62.569	ug/l	96
54) cis-1,3-Dichloropropene	10.312	75	219598	60.655	ug/l #	84
55) 1,1,2-Trichloroethane	11.018	97	121343	60.165	ug/l	98
56) Ethyl methacrylate	10.876	69	208606	60.922	ug/l #	76
57) 1,3-Dichloropropane	11.165	76	222355	58.965	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	491915	278.517	ug/l	91
59) 2-Hexanone	11.194	43	737438	288.237	ug/l	90
60) Dibromochloromethane	11.359	129	150617	67.671	ug/l	99
61) 1,2-Dibromoethane	11.470	107	123816	59.770	ug/l	99
64) Tetrachloroethene	11.106	164	119231	56.718	ug/l	95
65) Chlorobenzene	11.894	112	347835	55.516	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	125571	60.844	ug/l	99
67) Ethyl Benzene	11.965	91	633608	56.531	ug/l	98
68) m/p-Xylenes	12.070	106	482282	117.405	ug/l	94
69) o-Xylene	12.400	106	228267	57.366	ug/l	92
70) Styrene	12.412	104	401123	60.690	ug/l	97
71) Bromoform	12.582	173	100241	60.914	ug/l #	99
73) Isopropylbenzene	12.694	105	595375	52.784	ug/l	99
74) N-amyl acetate	12.494	43	304230	49.035	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.941	83	168131	51.710	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	161756m	54.129	ug/l	
77) Bromobenzene	12.982	156	146085	54.346	ug/l	92
78) n-propylbenzene	13.035	91	713291	53.403	ug/l	97
79) 2-Chlorotoluene	13.129	91	431925	51.498	ug/l	95
80) 1,3,5-Trimethylbenzene	13.176	105	501396	54.975	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	67718m	53.003	ug/l	
82) 4-Chlorotoluene	13.223	91	433773	52.897	ug/l	96
83) tert-Butylbenzene	13.441	119	420987	52.761	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	510761	54.738	ug/l	98
85) sec-Butylbenzene	13.617	105	595350	53.831	ug/l	98
86) p-Isopropyltoluene	13.729	119	502339	55.889	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	268020	55.036	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	263316	52.977	ug/l	98
89) n-Butylbenzene	14.059	91	438255	54.248	ug/l	98
90) Hexachloroethane	14.335	117	94010	56.452	ug/l	95
91) 1,2-Dichlorobenzene	14.106	146	254151	55.134	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	36193	54.178	ug/l	87
93) 1,2,4-Trichlorobenzene	15.394	180	141627	54.811	ug/l	98
94) Hexachlorobutadiene	15.506	225	60111	53.017	ug/l	98
95) Naphthalene	15.641	128	442599	54.658	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	141593	54.739	ug/l	97

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QLast Update : Thu May 16 05:21:06 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

