

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052924\
 Data File : VN082385.D
 Acq On : 29 May 2024 21:07
 Operator : JC\MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC0050EC

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

Quant Time: May 30 05:50:20 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

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	187429	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	320883	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	296382	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	142638	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	129000	43.588	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	87.180%
35) Dibromofluoromethane	8.165	113	91186	46.195	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.400%
50) Toluene-d8	10.571	98	336270	44.434	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	88.860%
62) 4-Bromofluorobenzene	12.853	95	127859	47.335	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	94.660%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.124	85	128864	47.687	ug/l	98
3) Chloromethane	2.359	50	131365	42.895	ug/l	96
4) Vinyl Chloride	2.512	62	136379	47.369	ug/l	100
5) Bromomethane	2.942	94	73724	44.550	ug/l	97
6) Chloroethane	3.112	64	95712	50.913	ug/l	99
7) Trichlorofluoromethane	3.495	101	200533	53.192	ug/l	98
8) Diethyl Ether	3.959	74	76071	56.641	ug/l	76
9) 1,1,2-Trichlorotrifluo...	4.371	101	113656	51.608	ug/l	98
10) Methyl Iodide	4.589	142	128880	58.213	ug/l	95
11) Tert butyl alcohol	5.524	59	131763	277.353	ug/l	99
12) 1,1-Dichloroethene	4.342	96	107756	52.642	ug/l #	77
13) Acrolein	4.177	56	119754	340.165	ug/l	98
14) Allyl chloride	5.024	41	210956	48.136	ug/l #	90
15) Acrylonitrile	5.724	53	341134	277.258	ug/l	99
16) Acetone	4.424	43	306376	252.356	ug/l #	87
17) Carbon Disulfide	4.712	76	274313	41.492	ug/l	99
18) Methyl Acetate	5.024	43	174147	57.598	ug/l #	87
19) Methyl tert-butyl Ether	5.794	73	432990	57.871	ug/l	99
20) Methylene Chloride	5.277	84	125367	51.181	ug/l #	74
21) trans-1,2-Dichloroethene	5.783	96	113654	50.951	ug/l #	83
22) Diisopropyl ether	6.671	45	493761	53.955	ug/l #	92
23) Vinyl Acetate	6.606	43	1964558	272.284	ug/l #	91
24) 1,1-Dichloroethane	6.565	63	251722	53.367	ug/l	97
25) 2-Butanone	7.482	43	493102	267.887	ug/l #	84
26) 2,2-Dichloropropane	7.488	77	189177	47.883	ug/l	97
27) cis-1,2-Dichloroethene	7.482	96	146824	55.773	ug/l	86
28) Bromochloromethane	7.818	49	102853	50.180	ug/l #	77
29) Tetrahydrofuran	7.841	42	327711	277.290	ug/l #	84
30) Chloroform	7.965	83	252140	55.977	ug/l	99
31) Cyclohexane	8.259	56	213091	45.081	ug/l	87
32) 1,1,1-Trichloroethane	8.171	97	225819	56.510	ug/l	93
36) 1,1-Dichloropropene	8.371	75	169859	51.308	ug/l	97
37) Ethyl Acetate	7.559	43	202948	54.778	ug/l	94
38) Carbon Tetrachloride	8.365	117	191332	57.012	ug/l	97
39) Methylcyclohexane	9.600	83	182563	50.309	ug/l #	87
40) Benzene	8.606	78	529544	53.640	ug/l	99

05/30/2024
 Supervised By :Semsettin
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
41) Methacrylonitrile	7.782	41	117636	53.988	ug/l	#	87
42) 1,2-Dichloroethane	8.671	62	207335	54.607	ug/l		96
43) Isopropyl Acetate	8.688	43	428732	65.307	ug/l	#	85
44) Trichloroethene	9.353	130	119831	53.436	ug/l		89
45) 1,2-Dichloropropane	9.624	63	136547	53.608	ug/l		97
46) Dibromomethane	9.712	93	94934	56.770	ug/l		98
47) Bromodichloromethane	9.888	83	202427	57.339	ug/l		98
48) Methyl methacrylate	9.682	41	178127	56.943	ug/l	#	82
49) 1,4-Dioxane	9.700	88	54244	1237.474	ug/l	#	82
51) 4-Methyl-2-Pentanone	10.447	43	1092839	292.988	ug/l		91
52) Toluene	10.629	92	335115	56.565	ug/l		99
53) t-1,3-Dichloropropene	10.835	75	211563	57.944	ug/l		100
54) cis-1,3-Dichloropropene	10.312	75	217309	56.228	ug/l	#	79
55) 1,1,2-Trichloroethane	11.018	97	124587	57.868	ug/l		98
56) Ethyl methacrylate	10.876	69	225514	61.696	ug/l	#	73
57) 1,3-Dichloropropane	11.165	76	226608	56.294	ug/l		100
58) 2-Chloroethyl Vinyl ether	10.159	63	498507	264.405	ug/l		93
59) 2-Hexanone	11.200	43	805725	295.017	ug/l		90
60) Dibromochloromethane	11.359	129	151381	63.715	ug/l		98
61) 1,2-Dibromoethane	11.470	107	126445	57.180	ug/l		99
64) Tetrachloroethene	11.106	164	106002	48.253	ug/l		96
65) Chlorobenzene	11.894	112	356923	54.513	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.959	131	128205	59.445	ug/l		98
67) Ethyl Benzene	11.965	91	654401	55.872	ug/l		98
68) m/p-Xylenes	12.070	106	485065	112.997	ug/l		93
69) o-Xylene	12.400	106	237993	57.234	ug/l		93
70) Styrene	12.412	104	408241	59.106	ug/l		96
71) Bromoform	12.582	173	104535	60.788	ug/l	#	97
73) Isopropylbenzene	12.694	105	627526	55.377	ug/l		98
74) N-amyl acetate	12.494	43	344737	55.307	ug/l	#	87
75) 1,1,2,2-Tetrachloroethane	12.941	83	184137	56.371	ug/l		98
76) 1,2,3-Trichloropropane	12.994	75	170381m	56.752	ug/l		
77) Bromobenzene	12.982	156	147061	54.457	ug/l		90
78) n-propylbenzene	13.035	91	728367	54.280	ug/l		97
79) 2-Chlorotoluene	13.123	91	447698	53.132	ug/l		94
80) 1,3,5-Trimethylbenzene	13.176	105	506329	55.259	ug/l		98
81) trans-1,4-Dichloro-2-b...	12.741	75	68516	53.380	ug/l	#	82
82) 4-Chlorotoluene	13.223	91	443092	53.783	ug/l		95
83) tert-Butylbenzene	13.441	119	440930	55.006	ug/l		97
84) 1,2,4-Trimethylbenzene	13.482	105	519576	55.425	ug/l		98
85) sec-Butylbenzene	13.617	105	614912	55.343	ug/l		98
86) p-Isopropyltoluene	13.729	119	503574	55.767	ug/l		97
87) 1,3-Dichlorobenzene	13.735	146	264301	54.021	ug/l		100
88) 1,4-Dichlorobenzene	13.812	146	269177	53.906	ug/l		99
89) n-Butylbenzene	14.059	91	438954	54.084	ug/l		98
90) Hexachloroethane	14.335	117	95840	57.285	ug/l		95
91) 1,2-Dichlorobenzene	14.106	146	257120	55.520	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	39883	59.426	ug/l		88
93) 1,2,4-Trichlorobenzene	15.394	180	140139	53.984	ug/l		97
94) Hexachlorobutadiene	15.500	225	55428	48.661	ug/l		95
95) Naphthalene	15.641	128	499453	61.394	ug/l		99
96) 1,2,3-Trichlorobenzene	15.841	180	144942	55.774	ug/l		98

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

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

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Supervised By :Semsettin
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