

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030424\
 Data File : VN081300.D
 Acq On : 04 Mar 2024 13:57
 Operator : JC\MD
 Sample : VN0304WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0304WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/05/2024
 Supervised By : Mahesh Dadoda 03/05/2024

Quant Time: Mar 05 03:20:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021624W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 16 23:45:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	224717	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	418718	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	380088	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	169769	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	152063	55.207	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 110.420%			
35) Dibromofluoromethane	8.171	113	133324	56.309	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 112.620%			
50) Toluene-d8	10.571	98	412848	49.093	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 98.180%			
62) 4-Bromofluorobenzene	12.847	95	162286	51.358	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 102.720%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	58868	20.257	ug/l	100
3) Chloromethane	2.365	50	56587	17.069	ug/l	100
4) Vinyl Chloride	2.518	62	60377	18.704	ug/l #	83
5) Bromomethane	2.965	94	38369	16.735	ug/l	97
6) Chloroethane	3.124	64	44637	20.874	ug/l	99
7) Trichlorofluoromethane	3.501	101	107048	22.700	ug/l	98
8) Diethyl Ether	3.965	74	36529	21.187	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.377	101	59946	22.802	ug/l	94
10) Methyl Iodide	4.595	142	52566	17.913	ug/l	98
11) Tert butyl alcohol	5.524	59	52513	103.669	ug/l	98
12) 1,1-Dichloroethene	4.348	96	52261	20.565	ug/l	91
13) Acrolein	4.177	56	23527	86.656	ug/l	97
14) Allyl chloride	5.030	41	77383	20.523	ug/l #	87
15) Acrylonitrile	5.730	53	161361	121.972	ug/l	100
16) Acetone	4.430	43	125568	115.859	ug/l	95
17) Carbon Disulfide	4.712	76	118133	16.666	ug/l #	93
18) Methyl Acetate	5.024	43	74078	28.019	ug/l #	91
19) Methyl tert-butyl Ether	5.794	73	191549	22.008	ug/l	98
20) Methylene Chloride	5.283	84	64255	22.404	ug/l	92
21) trans-1,2-Dichloroethene	5.794	96	57224	20.183	ug/l #	81
22) Diisopropyl ether	6.677	45	199633	23.340	ug/l #	92
23) Vinyl Acetate	6.606	43	744136	107.228	ug/l #	91
24) 1,1-Dichloroethane	6.571	63	120086	24.281	ug/l	94
25) 2-Butanone	7.483	43	202453	115.628	ug/l	96
26) 2,2-Dichloropropane	7.494	77	101858	21.980	ug/l	96
27) cis-1,2-Dichloroethene	7.488	96	69635	21.139	ug/l	90
28) Bromochloromethane	7.818	49	55171	26.908	ug/l #	73
29) Tetrahydrofuran	7.841	42	131958	112.899	ug/l #	89
30) Chloroform	7.965	83	126490	24.058	ug/l	91
31) Cyclohexane	8.259	56	91181	19.172	ug/l #	78
32) 1,1,1-Trichloroethane	8.177	97	105417	22.015	ug/l	88
36) 1,1-Dichloropropene	8.371	75	81614	20.120	ug/l	95
37) Ethyl Acetate	7.565	43	81574	22.282	ug/l	97
38) Carbon Tetrachloride	8.365	117	86820	21.155	ug/l	94
39) Methylcyclohexane	9.600	83	90457	19.130	ug/l	93
40) Benzene	8.612	78	258583	22.023	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	44000	21.118	ug/l	95
42) 1,2-Dichloroethane	8.671	62	95904	23.412	ug/l	98
43) Isopropyl Acetate	8.688	43	144530	22.573	ug/l	96
44) Trichloroethene	9.359	130	66436	21.244	ug/l	87
45) 1,2-Dichloropropane	9.624	63	67217	22.886	ug/l	100
46) Dibromomethane	9.712	93	47946	22.405	ug/l	92
47) Bromodichloromethane	9.888	83	96114	23.715	ug/l #	96
48) Methyl methacrylate	9.688	41	64489	21.646	ug/l	91
49) 1,4-Dioxane	9.694	88	27543	481.692	ug/l #	81
51) 4-Methyl-2-Pentanone	10.447	43	441293	119.812	ug/l	97
52) Toluene	10.635	92	159875	21.509	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	99823	22.164	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	106661	21.919	ug/l	91
55) 1,1,2-Trichloroethane	11.018	97	66208	23.159	ug/l	93
56) Ethyl methacrylate	10.877	69	93225	21.336	ug/l	89
57) 1,3-Dichloropropane	11.171	76	111191	22.494	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	222672	101.570	ug/l #	90
59) 2-Hexanone	11.200	43	315565	108.068	ug/l	96
60) Dibromochloromethane	11.359	129	64811	21.340	ug/l	97
61) 1,2-Dibromoethane	11.471	107	65780	21.880	ug/l	96
64) Tetrachloroethene	11.112	164	64240	24.764	ug/l	90
65) Chlorobenzene	11.894	112	168573	20.492	ug/l	93
66) 1,1,1,2-Tetrachloroethane	11.959	131	62640	21.200	ug/l	96
67) Ethyl Benzene	11.965	91	297119	20.185	ug/l	98
68) m/p-Xylenes	12.071	106	229636	40.699	ug/l	96
69) o-Xylene	12.400	106	114069	20.395	ug/l	93
70) Styrene	12.412	104	178284	20.116	ug/l	98
71) Bromoform	12.582	173	41392	22.081	ug/l #	95
73) Isopropylbenzene	12.700	105	292635	19.701	ug/l	97
74) N-amyl acetate	12.500	43	114863	18.297	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.941	83	87887	21.042	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	84411m	21.884	ug/l	
77) Bromobenzene	12.982	156	66646	20.123	ug/l	81
78) n-propylbenzene	13.041	91	348273	20.368	ug/l	98
79) 2-Chlorotoluene	13.129	91	207806	19.813	ug/l	96
80) 1,3,5-Trimethylbenzene	13.176	105	249782	20.740	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	27038m	18.042	ug/l	
82) 4-Chlorotoluene	13.223	91	204667	19.957	ug/l	95
83) tert-Butylbenzene	13.441	119	214144	20.564	ug/l	94
84) 1,2,4-Trimethylbenzene	13.488	105	247634	20.635	ug/l	95
85) sec-Butylbenzene	13.618	105	306748	21.189	ug/l	96
86) p-Isopropyltoluene	13.729	119	243827	20.277	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	122678	19.604	ug/l	97
88) 1,4-Dichlorobenzene	13.817	146	125058	20.338	ug/l	96
89) n-Butylbenzene	14.059	91	216615	20.677	ug/l	97
90) Hexachloroethane	14.335	117	41484	20.871	ug/l	94
91) 1,2-Dichlorobenzene	14.106	146	120862	20.025	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.723	75	17157	19.757	ug/l	83
93) 1,2,4-Trichlorobenzene	15.394	180	62380	18.526	ug/l	97
94) Hexachlorobutadiene	15.506	225	25586	20.375	ug/l	97
95) Naphthalene	15.647	128	219018	17.750	ug/l	98
96) 1,2,3-Trichlorobenzene	15.841	180	66221	19.825	ug/l	98

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

