

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032024\
 Data File : VN081490.D
 Acq On : 20 Mar 2024 13:48
 Operator : JC\MD
 Sample : VN0320WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0320WBS01

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone
 03/21/2024

Supervised By :Mahesh
 Dadoda
 03/21/2024

Quant Time: Mar 21 01:17:52 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031824W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 19 06:00:00 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	430727	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	9.100	114	735348	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	654388	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	303329	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	280258	51.022	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.040%			
35) Dibromofluoromethane	8.165	113	243663	52.505	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.000%			
50) Toluene-d8	10.565	98	861770	51.370	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.740%			
62) 4-Bromofluorobenzene	12.847	95	303110	51.277	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 102.560%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	100477	17.324	ug/l	88
3) Chloromethane	2.365	50	100990	17.489	ug/l	98
4) Vinyl Chloride	2.518	62	112101	17.298	ug/l	95
5) Bromomethane	2.965	94	80235	17.507	ug/l	87
6) Chloroethane	3.130	64	75963	17.072	ug/l	90
7) Trichlorofluoromethane	3.501	101	180259	18.664	ug/l	96
8) Diethyl Ether	3.953	74	63148	19.756	ug/l	79
9) 1,1,2-Trichlorotrifluo...	4.371	101	100535	18.320	ug/l #	89
10) Methyl Iodide	4.589	142	106003	19.397	ug/l	96
11) Tert butyl alcohol	5.512	59	89394	93.387	ug/l	99
12) 1,1-Dichloroethene	4.348	96	94623	18.615	ug/l	91
13) Acrolein	4.177	56	107182	124.782	ug/l	99
14) Allyl chloride	5.018	41	120793	18.964	ug/l #	84
15) Acrylonitrile	5.718	53	235151	91.825	ug/l	97
16) Acetone	4.424	43	161749	91.117	ug/l	98
17) Carbon Disulfide	4.718	76	256038	17.552	ug/l #	95
18) Methyl Acetate	5.030	43	106526	19.464	ug/l #	85
19) Methyl tert-butyl Ether	5.789	73	321908	20.235	ug/l #	89
20) Methylene Chloride	5.277	84	111056	19.098	ug/l	90
21) trans-1,2-Dichloroethene	5.783	96	102611	18.104	ug/l	95
22) Diisopropyl ether	6.665	45	297896	20.128	ug/l #	92
23) Vinyl Acetate	6.600	43	1175643	99.795	ug/l #	87
24) 1,1-Dichloroethane	6.565	63	188022	18.968	ug/l	95
25) 2-Butanone	7.483	43	279553	91.813	ug/l #	84
26) 2,2-Dichloropropane	7.489	77	168004	19.541	ug/l	100
27) cis-1,2-Dichloroethene	7.483	96	122398	19.086	ug/l	87
28) Bromochloromethane	7.812	49	71831	17.791	ug/l #	50
29) Tetrahydrofuran	7.841	42	187352	91.339	ug/l #	77
30) Chloroform	7.965	83	205553	19.370	ug/l	99
31) Cyclohexane	8.253	56	159059	17.795	ug/l #	75
32) 1,1,1-Trichloroethane	8.165	97	182913	18.998	ug/l #	87
36) 1,1-Dichloropropene	8.371	75	148341	18.994	ug/l	96
37) Ethyl Acetate	7.559	43	121431	18.158	ug/l	97
38) Carbon Tetrachloride	8.359	117	160412	18.750	ug/l	98
39) Methylcyclohexane	9.600	83	171826	19.701	ug/l	88
40) Benzene	8.606	78	443141	19.408	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	70138	19.832	ug/l	91
42) 1,2-Dichloroethane	8.665	62	155573	19.361	ug/l	98
43) Isopropyl Acetate	8.688	43	215106	19.404	ug/l #	91
44) Trichloroethene	9.353	130	120711	18.797	ug/l	88
45) 1,2-Dichloropropane	9.624	63	110608	19.988	ug/l	92
46) Dibromomethane	9.706	93	80810	19.230	ug/l #	86
47) Bromodichloromethane	9.888	83	163286	19.874	ug/l #	95
48) Methyl methacrylate	9.683	41	101788	19.908	ug/l	88
49) 1,4-Dioxane	9.694	88	44282	360.384	ug/l #	78
51) 4-Methyl-2-Pentanone	10.447	43	637094	94.185	ug/l	93
52) Toluene	10.630	92	281155	19.373	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	169767	19.135	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	190562	20.033	ug/l	93
55) 1,1,2-Trichloroethane	11.018	97	112227	19.216	ug/l	92
56) Ethyl methacrylate	10.877	69	154861	19.351	ug/l #	85
57) 1,3-Dichloropropane	11.165	76	188016	19.638	ug/l	95
58) 2-Chloroethyl Vinyl ether	10.159	63	399492	108.707	ug/l #	85
59) 2-Hexanone	11.194	43	462950	92.570	ug/l	91
60) Dibromochloromethane	11.359	129	122238	19.031	ug/l	98
61) 1,2-Dibromoethane	11.471	107	113981	19.142	ug/l	97
64) Tetrachloroethene	11.106	164	121735	19.462	ug/l	86
65) Chlorobenzene	11.894	112	302527	19.556	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.965	131	113476	19.792	ug/l	98
67) Ethyl Benzene	11.965	91	527745	19.639	ug/l	98
68) m/p-Xylenes	12.071	106	415945	41.289	ug/l	91
69) o-Xylene	12.394	106	198726	20.094	ug/l	93
70) Styrene	12.412	104	322296	20.206	ug/l	97
71) Bromoform	12.582	173	83647	19.415	ug/l #	98
73) Isopropylbenzene	12.694	105	525065	20.307	ug/l	99
74) N-amyl acetate	12.494	43	179666	19.201	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.941	83	138172	18.176	ug/l	97
76) 1,2,3-Trichloropropane	12.994	75	133843m	18.446	ug/l	
77) Bromobenzene	12.982	156	120303	18.835	ug/l	72
78) n-propylbenzene	13.035	91	608064	19.914	ug/l	96
79) 2-Chlorotoluene	13.123	91	355696	19.463	ug/l	90
80) 1,3,5-Trimethylbenzene	13.176	105	429413	20.107	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.741	75	48662	18.124	ug/l	88
82) 4-Chlorotoluene	13.223	91	356127	19.765	ug/l	95
83) tert-Butylbenzene	13.441	119	380486	20.661	ug/l	92
84) 1,2,4-Trimethylbenzene	13.482	105	435115	20.272	ug/l	96
85) sec-Butylbenzene	13.618	105	520533	19.772	ug/l	94
86) p-Isopropyltoluene	13.729	119	432050	20.077	ug/l	96
87) 1,3-Dichlorobenzene	13.735	146	226834	19.329	ug/l	94
88) 1,4-Dichlorobenzene	13.812	146	228200	18.780	ug/l	96
89) n-Butylbenzene	14.059	91	368847	19.329	ug/l	96
90) Hexachloroethane	14.335	117	71702	17.593	ug/l	84
91) 1,2-Dichlorobenzene	14.106	146	216739	19.189	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.723	75	29556	18.269	ug/l	79
93) 1,2,4-Trichlorobenzene	15.394	180	118899	18.206	ug/l	95
94) Hexachlorobutadiene	15.506	225	51472	17.963	ug/l	96
95) Naphthalene	15.641	128	393116	18.576	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	121264	18.460	ug/l	99

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

