

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021924\
 Data File : VN081071.D
 Acq On : 19 Feb 2024 12:57
 Operator : JC\MD
 Sample : VN0219WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0219WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/20/2024
 Supervised By : Mahesh Dadoda 02/20/2024

Quant Time: Feb 20 00:20:31 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	8.224	168	391769	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	718116	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	633278	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	269595	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	239304	49.834	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.660%		
35) Dibromofluoromethane	8.165	113	203421	50.095	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.180%		
50) Toluene-d8	10.565	98	704922	48.876	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	97.760%		
62) 4-Bromofluorobenzene	12.847	95	263783	48.674	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	97.340%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	105059	20.736	ug/l	94
3) Chloromethane	2.365	50	102986	17.872	ug/l	96
4) Vinyl Chloride	2.518	62	109976	19.542	ug/l	98
5) Bromomethane	2.965	94	74354	18.602	ug/l	99
6) Chloroethane	3.124	64	79876	21.449	ug/l	91
7) Trichlorofluoromethane	3.500	101	163109	19.839	ug/l	94
8) Diethyl Ether	3.959	74	56778	18.889	ug/l	87
9) 1,1,2-Trichlorotrifluo...	4.371	101	91564	19.978	ug/l	91
10) Methyl Iodide	4.595	142	109672	21.437	ug/l #	94
11) Tert butyl alcohol	5.512	59	76309	86.410	ug/l #	85
12) 1,1-Dichloroethene	4.347	96	84392	19.048	ug/l	89
13) Acrolein	4.177	56	64757	136.813	ug/l	99
14) Allyl chloride	5.018	41	123575	18.798	ug/l #	90
15) Acrylonitrile	5.718	53	218898	94.910	ug/l	99
16) Acetone	4.424	43	173303	91.720	ug/l	99
17) Carbon Disulfide	4.718	76	229366	18.561	ug/l	100
18) Methyl Acetate	5.024	43	97643	21.184	ug/l	92
19) Methyl tert-butyl Ether	5.789	73	298655	19.682	ug/l	98
20) Methylene Chloride	5.271	84	100035	19.906	ug/l	85
21) trans-1,2-Dichloroethene	5.783	96	94528	19.124	ug/l	87
22) Diisopropyl ether	6.671	45	297762	19.968	ug/l #	92
23) Vinyl Acetate	6.600	43	1182229	97.716	ug/l #	94
24) 1,1-Dichloroethane	6.571	63	172488	20.005	ug/l	98
25) 2-Butanone	7.477	43	279888	91.691	ug/l	97
26) 2,2-Dichloropropane	7.494	77	148897	18.430	ug/l	100
27) cis-1,2-Dichloroethene	7.483	96	108397	18.875	ug/l	91
28) Bromochloromethane	7.818	49	76178	21.311	ug/l #	68
29) Tetrahydrofuran	7.841	42	183665	90.134	ug/l #	86
30) Chloroform	7.971	83	184819	20.163	ug/l	95
31) Cyclohexane	8.259	56	156851	18.917	ug/l #	84
32) 1,1,1-Trichloroethane	8.171	97	162151	19.424	ug/l	90
36) 1,1-Dichloropropene	8.371	75	131725	18.934	ug/l	97
37) Ethyl Acetate	7.565	43	113306	18.046	ug/l	98
38) Carbon Tetrachloride	8.359	117	142651	20.267	ug/l	94
39) Methylcyclohexane	9.600	83	156842	19.340	ug/l #	95
40) Benzene	8.606	78	400345	19.881	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	65001	18.191	ug/l	88
42) 1,2-Dichloroethane	8.671	62	137634	19.591	ug/l	97
43) Isopropyl Acetate	8.688	43	210854	19.202	ug/l #	94
44) Trichloroethene	9.353	130	101243	18.877	ug/l	97
45) 1,2-Dichloropropane	9.624	63	98473	19.550	ug/l	95
46) Dibromomethane	9.712	93	72140	19.656	ug/l	91
47) Bromodichloromethane	9.888	83	137491	19.780	ug/l #	97
48) Methyl methacrylate	9.677	41	96013	18.791	ug/l	91
49) 1,4-Dioxane	9.694	88	37006	368.353	ug/l #	88
51) 4-Methyl-2-Pentanone	10.447	43	605147	95.799	ug/l	95
52) Toluene	10.629	92	254403	19.956	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	152920	19.797	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	169074	20.259	ug/l	97
55) 1,1,2-Trichloroethane	11.018	97	98174	20.023	ug/l	95
56) Ethyl methacrylate	10.871	69	146905	19.604	ug/l	90
57) 1,3-Dichloropropane	11.159	76	170359	20.095	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	351522	93.493	ug/l #	86
59) 2-Hexanone	11.194	43	436010	87.063	ug/l	94
60) Dibromochloromethane	11.359	129	103112	19.796	ug/l	99
61) 1,2-Dibromoethane	11.471	107	100397	19.472	ug/l	96
64) Tetrachloroethene	11.106	164	90522	20.944	ug/l	89
65) Chlorobenzene	11.888	112	260632	19.016	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.959	131	100054	20.324	ug/l	97
67) Ethyl Benzene	11.965	91	480645	19.598	ug/l	94
68) m/p-Xylenes	12.071	106	362651	38.577	ug/l	97
69) o-Xylene	12.400	106	178662	19.173	ug/l	96
70) Styrene	12.412	104	287869	19.495	ug/l	97
71) Bromoform	12.582	173	61609	19.726	ug/l #	97
73) Isopropylbenzene	12.694	105	469136	19.889	ug/l	97
74) N-amyl acetate	12.494	43	186791	18.737	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.935	83	129054	19.457	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	113200m	18.480	ug/l	
77) Bromobenzene	12.982	156	102408	19.471	ug/l	74
78) n-propylbenzene	13.035	91	533090	19.632	ug/l	96
79) 2-Chlorotoluene	13.123	91	317039	19.035	ug/l	91
80) 1,3,5-Trimethylbenzene	13.170	105	375848	19.652	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.735	75	44385	18.651	ug/l	97
82) 4-Chlorotoluene	13.223	91	312601	19.195	ug/l	95
83) tert-Butylbenzene	13.441	119	329648	19.934	ug/l	94
84) 1,2,4-Trimethylbenzene	13.482	105	382082	20.049	ug/l	96
85) sec-Butylbenzene	13.617	105	459159	19.972	ug/l	94
86) p-Isopropyltoluene	13.729	119	375786	19.679	ug/l	96
87) 1,3-Dichlorobenzene	13.735	146	187470	18.865	ug/l	96
88) 1,4-Dichlorobenzene	13.812	146	190385	19.497	ug/l	98
89) n-Butylbenzene	14.059	91	320285	19.253	ug/l	97
90) Hexachloroethane	14.335	117	62223	19.713	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	182446	19.036	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.717	75	24575	17.821	ug/l	80
93) 1,2,4-Trichlorobenzene	15.394	180	100252	18.749	ug/l	99
94) Hexachlorobutadiene	15.500	225	36287	18.196	ug/l	99
95) Naphthalene	15.641	128	350099	17.867	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	99951	18.843	ug/l	98

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

