

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022624\
 Data File : VN081188.D
 Acq On : 26 Feb 2024 12:29
 Operator : JC\MD
 Sample : VN0226WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0226WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/27/2024
 Supervised By : Mahesh Dadoda 02/27/2024

Quant Time: Feb 27 00:05:28 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	298293	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	539268	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	477495	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	211889	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	175660	48.044	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.080%		
35) Dibromofluoromethane	8.165	113	156025	51.166	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	102.340%		
50) Toluene-d8	10.571	98	499460	46.115	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	92.240%		
62) 4-Bromofluorobenzene	12.847	95	193652	47.584	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	95.160%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	75982	19.697	ug/l	91
3) Chloromethane	2.365	50	71426	16.172	ug/l	94
4) Vinyl Chloride	2.518	62	76665	17.892	ug/l	91
5) Bromomethane	2.965	94	52263	17.172	ug/l	95
6) Chloroethane	3.130	64	53323	18.695	ug/l	95
7) Trichlorofluoromethane	3.501	101	121182	19.358	ug/l	90
8) Diethyl Ether	3.953	74	45963	20.083	ug/l	89
9) 1,1,2-Trichlorotrifluo...	4.377	101	70719	20.265	ug/l	93
10) Methyl Iodide	4.589	142	64030	16.438	ug/l	96
11) Tert butyl alcohol	5.506	59	60679	90.243	ug/l	99
12) 1,1-Dichloroethene	4.348	96	63525	18.832	ug/l	86
13) Acrolein	4.183	56	38255	106.149	ug/l	96
14) Allyl chloride	5.024	41	93318	18.644	ug/l #	88
15) Acrylonitrile	5.718	53	171817	97.841	ug/l	96
16) Acetone	4.424	43	122542	85.179	ug/l	96
17) Carbon Disulfide	4.718	76	159255	16.926	ug/l	98
18) Methyl Acetate	5.024	43	83306	23.737	ug/l	94
19) Methyl tert-butyl Ether	5.795	73	240536	20.819	ug/l	96
20) Methylene Chloride	5.277	84	77646	20.311	ug/l	87
21) trans-1,2-Dichloroethene	5.789	96	72903	19.371	ug/l	95
22) Diisopropyl ether	6.671	45	238329	20.991	ug/l #	96
23) Vinyl Acetate	6.600	43	901049m	97.814	ug/l	
24) 1,1-Dichloroethane	6.571	63	134490	20.486	ug/l #	93
25) 2-Butanone	7.483	43	215947	92.913	ug/l	91
26) 2,2-Dichloropropane	7.489	77	121774	19.796	ug/l	99
27) cis-1,2-Dichloroethene	7.489	96	84700	19.370	ug/l	90
28) Bromochloromethane	7.812	49	59549	21.880	ug/l #	65
29) Tetrahydrofuran	7.836	42	147745	95.227	ug/l #	87
30) Chloroform	7.965	83	140448	20.124	ug/l	99
31) Cyclohexane	8.259	56	117967	18.686	ug/l #	76
32) 1,1,1-Trichloroethane	8.171	97	129792	20.420	ug/l #	86
36) 1,1-Dichloropropene	8.377	75	100626	19.261	ug/l	97
37) Ethyl Acetate	7.565	43	93379	19.805	ug/l	99
38) Carbon Tetrachloride	8.365	117	106127	20.079	ug/l	94
39) Methylcyclohexane	9.606	83	117304	19.262	ug/l #	89
40) Benzene	8.606	78	313236	20.715	ug/l	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	54048	20.142	ug/l	95
42) 1,2-Dichloroethane	8.671	62	113972	21.603	ug/l	100
43) Isopropyl Acetate	8.688	43	185088	22.445	ug/l	98
44) Trichloroethene	9.353	130	80244	19.924	ug/l	87
45) 1,2-Dichloropropane	9.624	63	78686	20.802	ug/l	100
46) Dibromomethane	9.712	93	58577	21.254	ug/l	94
47) Bromodichloromethane	9.888	83	115924	22.209	ug/l #	93
48) Methyl methacrylate	9.682	41	75128	19.580	ug/l	88
49) 1,4-Dioxane	9.694	88	30434	407.363	ug/l #	85
51) 4-Methyl-2-Pentanone	10.447	43	481047	101.410	ug/l	96
52) Toluene	10.629	92	193140	20.175	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	119091	20.531	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	125478	20.022	ug/l	94
55) 1,1,2-Trichloroethane	11.018	97	76755	20.846	ug/l	96
56) Ethyl methacrylate	10.877	69	118489	21.056	ug/l	85
57) 1,3-Dichloropropane	11.165	76	133677	20.997	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	277619	98.326	ug/l #	87
59) 2-Hexanone	11.194	43	345940	91.987	ug/l	94
60) Dibromochloromethane	11.359	129	81901	20.938	ug/l	97
61) 1,2-Dibromoethane	11.471	107	78755	20.340	ug/l	98
64) Tetrachloroethene	11.106	164	74028	22.716	ug/l	95
65) Chlorobenzene	11.894	112	204749	19.812	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.959	131	75942	20.459	ug/l	97
67) Ethyl Benzene	11.965	91	372140	20.124	ug/l	100
68) m/p-Xylenes	12.071	106	280338	39.550	ug/l	96
69) o-Xylene	12.400	106	139029	19.787	ug/l	95
70) Styrene	12.412	104	219763	19.738	ug/l	98
71) Bromoform	12.576	173	49738	21.121	ug/l #	95
73) Isopropylbenzene	12.700	105	354995	19.149	ug/l	97
74) N-amyl acetate	12.494	43	141234	18.026	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.941	83	103053	19.769	ug/l	96
76) 1,2,3-Trichloropropane	12.994	75	95170m	19.768	ug/l	
77) Bromobenzene	12.982	156	79512	19.235	ug/l	77
78) n-propylbenzene	13.035	91	420191	19.689	ug/l	95
79) 2-Chlorotoluene	13.129	91	251491	19.212	ug/l	92
80) 1,3,5-Trimethylbenzene	13.176	105	301664	20.069	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.735	75	34702m	18.553	ug/l	
82) 4-Chlorotoluene	13.223	91	245726	19.198	ug/l	95
83) tert-Butylbenzene	13.441	119	252057	19.393	ug/l	95
84) 1,2,4-Trimethylbenzene	13.482	105	302558	20.200	ug/l	98
85) sec-Butylbenzene	13.618	105	374832	20.745	ug/l	95
86) p-Isopropyltoluene	13.729	119	300174	20.001	ug/l	96
87) 1,3-Dichlorobenzene	13.735	146	151216	19.361	ug/l	95
88) 1,4-Dichlorobenzene	13.812	146	152053	19.813	ug/l	98
89) n-Butylbenzene	14.059	91	263539	20.156	ug/l	97
90) Hexachloroethane	14.335	117	50386	20.311	ug/l	96
91) 1,2-Dichlorobenzene	14.112	146	144938	19.241	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	20159	18.600	ug/l	84
93) 1,2,4-Trichlorobenzene	15.394	180	81976	19.506	ug/l	99
94) Hexachlorobutadiene	15.500	225	32439	20.697	ug/l	96
95) Naphthalene	15.641	128	279201	18.129	ug/l	100
96) 1,2,3-Trichlorobenzene	15.847	180	80195	19.236	ug/l	99

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

