

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020724\
 Data File : VN080932.D
 Acq On : 07 Feb 2024 13:05
 Operator : JC\MD
 Sample : VN0207WBS02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0207WBS02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/08/2024
 Supervised By : Semsettin Yesilyurt 02/08/2024

Quant Time: Feb 08 00:23:28 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N020624W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 07 06:22:23 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	726328	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	9.100	114	1184106	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	1032661	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	451472	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	397028	43.331	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	86.660%		
35) Dibromofluoromethane	8.165	113	364893	57.428	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	114.860%		
50) Toluene-d8	10.565	98	1253136	54.525	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	109.060%		
62) 4-Bromofluorobenzene	12.847	95	441231	52.848	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	105.700%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.124	85	154566	18.783	ug/l	99
3) Chloromethane	2.359	50	156442	17.452	ug/l	97
4) Vinyl Chloride	2.512	62	179647	16.716	ug/l	94
5) Bromomethane	2.953	94	100402	14.522	ug/l	100
6) Chloroethane	3.118	64	118845	15.681	ug/l	96
7) Trichlorofluoromethane	3.500	101	271476	19.293	ug/l	96
8) Diethyl Ether	3.959	74	93874	18.672	ug/l	76
9) 1,1,2-Trichlorotrifluo...	4.371	101	149838	18.929	ug/l #	84
10) Methyl Iodide	4.583	142	156078	20.389	ug/l #	90
11) Tert butyl alcohol	5.512	59	117105	92.760	ug/l	98
12) 1,1-Dichloroethene	4.336	96	142027	18.239	ug/l	86
13) Acrolein	4.177	56	134467	84.509	ug/l	100
14) Allyl chloride	5.024	41	197068	19.100	ug/l #	91
15) Acrylonitrile	5.712	53	310470	89.969	ug/l	97
16) Acetone	4.424	43	244544	81.122	ug/l	98
17) Carbon Disulfide	4.712	76	342042	17.415	ug/l	96
18) Methyl Acetate	5.024	43	162103	16.174	ug/l #	86
19) Methyl tert-butyl Ether	5.789	73	479615	18.491	ug/l	94
20) Methylene Chloride	5.271	84	164028	17.960	ug/l	86
21) trans-1,2-Dichloroethene	5.789	96	157172	17.980	ug/l #	81
22) Diisopropyl ether	6.671	45	430146	17.986	ug/l #	88
23) Vinyl Acetate	6.600	43	1548602	98.268	ug/l #	88
24) 1,1-Dichloroethane	6.565	63	273355	17.551	ug/l	94
25) 2-Butanone	7.483	43	394421	81.517	ug/l #	86
26) 2,2-Dichloropropane	7.488	77	256777	18.029	ug/l	98
27) cis-1,2-Dichloroethene	7.483	96	186376	18.349	ug/l	82
28) Bromochloromethane	7.812	49	116452	17.969	ug/l #	45
29) Tetrahydrofuran	7.841	42	244678	82.711	ug/l #	75
30) Chloroform	7.965	83	302864	17.596	ug/l	98
31) Cyclohexane	8.259	56	203603	16.259	ug/l #	76
32) 1,1,1-Trichloroethane	8.171	97	278077	18.645	ug/l #	92
36) 1,1-Dichloropropene	8.371	75	212651	22.497	ug/l	93
37) Ethyl Acetate	7.553	43	161484	22.578	ug/l	96
38) Carbon Tetrachloride	8.359	117	236750	24.433	ug/l	98
39) Methylcyclohexane	9.600	83	203141	19.282	ug/l	84
40) Benzene	8.606	78	649187	22.563	ug/l	94

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41) Methacrylonitrile	7.777	41	94493	22.169	ug/l	93
42) 1,2-Dichloroethane	8.671	62	226260	22.585	ug/l	98
43) Isopropyl Acetate	8.688	43	288682	21.949	ug/l #	91
44) Trichloroethene	9.353	130	182737	20.909	ug/l	88
45) 1,2-Dichloropropane	9.624	63	156414	20.148	ug/l	96
46) Dibromomethane	9.712	93	114577	19.959	ug/l #	81
47) Bromodichloromethane	9.888	83	232528	20.709	ug/l #	98
48) Methyl methacrylate	9.682	41	135141	18.237	ug/l #	86
49) 1,4-Dioxane	9.694	88	53826	393.401	ug/l #	79
51) 4-Methyl-2-Pentanone	10.447	43	822895	103.821	ug/l	91
52) Toluene	10.629	92	415480	21.558	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	243210	22.385	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	267024	21.894	ug/l	91
55) 1,1,2-Trichloroethane	11.018	97	159131	21.363	ug/l	91
56) Ethyl methacrylate	10.876	69	222111	24.926	ug/l #	84
57) 1,3-Dichloropropane	11.165	76	264830	21.913	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.159	63	447116	82.649	ug/l #	82
59) 2-Hexanone	11.200	43	613755	102.166	ug/l	91
60) Dibromochloromethane	11.359	129	174786	22.964	ug/l	98
61) 1,2-Dibromoethane	11.471	107	165725	22.304	ug/l	98
64) Tetrachloroethene	11.106	164	162319	20.824	ug/l	92
65) Chlorobenzene	11.894	112	442534	20.448	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.965	131	167491	21.446	ug/l	96
67) Ethyl Benzene	11.965	91	755179	20.256	ug/l	97
68) m/p-Xylenes	12.070	106	585087	41.309	ug/l	93
69) o-Xylene	12.400	106	288786	21.012	ug/l	93
70) Styrene	12.412	104	469403	22.757	ug/l	95
71) Bromoform	12.576	173	118140	22.586	ug/l #	96
73) Isopropylbenzene	12.700	105	699217	19.914	ug/l	97
74) N-amyl acetate	12.494	43	247672	19.569	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.941	83	207350	18.984	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	181872m	19.757	ug/l	
77) Bromobenzene	12.982	156	181268	20.461	ug/l	66
78) n-propylbenzene	13.035	91	785686	19.820	ug/l	93
79) 2-Chlorotoluene	13.129	91	489562	19.542	ug/l	91
80) 1,3,5-Trimethylbenzene	13.176	105	575960	20.181	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.741	75	62784	18.530	ug/l #	82
82) 4-Chlorotoluene	13.223	91	498151	19.930	ug/l	94
83) tert-Butylbenzene	13.441	119	484915	19.933	ug/l	92
84) 1,2,4-Trimethylbenzene	13.482	105	577110	20.303	ug/l	95
85) sec-Butylbenzene	13.617	105	674920	20.646	ug/l	92
86) p-Isopropyltoluene	13.729	119	573319	20.753	ug/l	96
87) 1,3-Dichlorobenzene	13.735	146	320173	20.293	ug/l	94
88) 1,4-Dichlorobenzene	13.812	146	327660	20.464	ug/l	96
89) n-Butylbenzene	14.059	91	468448	19.196	ug/l	96
90) Hexachloroethane	14.335	117	88542	20.326	ug/l	86
91) 1,2-Dichlorobenzene	14.106	146	306517	20.278	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.723	75	37176	18.196	ug/l	63
93) 1,2,4-Trichlorobenzene	15.394	180	165720	22.163	ug/l	100
94) Hexachlorobutadiene	15.506	225	77264	23.834	ug/l	94
95) Naphthalene	15.641	128	500172	20.259	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	159316	21.646	ug/l	99

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

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