

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010324\
 Data File : VN080635.D
 Acq On : 03 Jan 2024 13:09
 Operator : JC\MD
 Sample : VN0103WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0103WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/04/2024
 Supervised By : Mahesh Dadoda 01/04/2024

Quant Time: Jan 04 01:57:16 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122723W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 28 03:07:01 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	364940	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	598957	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	532380	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	241110	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	231817	49.521	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.040%		
35) Dibromofluoromethane	8.165	113	193964	50.071	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.140%		
50) Toluene-d8	10.571	98	739355	54.664	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	109.320%		
62) 4-Bromofluorobenzene	12.847	95	254168	55.837	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	111.680%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.124	85	67409	16.628	ug/l	98
3) Chloromethane	2.365	50	96627	19.891	ug/l	99
4) Vinyl Chloride	2.518	62	88190	19.549	ug/l	96
5) Bromomethane	2.965	94	39144	22.834	ug/l	89
6) Chloroethane	3.124	64	51775	18.383	ug/l	99
7) Trichlorofluoromethane	3.506	101	108081	16.779	ug/l	99
8) Diethyl Ether	3.959	74	34487	15.590	ug/l	86
9) 1,1,2-Trichlorotrifluo...	4.371	101	55844	15.881	ug/l	96
10) Methyl Iodide	4.583	142	39641	16.317	ug/l	100
11) Tert butyl alcohol	5.512	59	39014	61.949	ug/l #	85
12) 1,1-Dichloroethene	4.342	96	53720	15.927	ug/l	92
13) Acrolein	4.177	56	56657	79.569	ug/l	96
14) Allyl chloride	5.024	41	64930	12.681	ug/l	98
15) Acrylonitrile	5.712	53	122559	68.233	ug/l	99
16) Acetone	4.418	43	91096	71.588	ug/l	98
17) Carbon Disulfide	4.712	76	123091	13.571	ug/l	100
18) Methyl Acetate	5.018	43	93184	13.208	ug/l	96
19) Methyl tert-butyl Ether	5.789	73	188047	15.486	ug/l	98
20) Methylene Chloride	5.271	84	61676	15.190	ug/l	96
21) trans-1,2-Dichloroethene	5.789	96	58122	14.262	ug/l #	84
22) Diisopropyl ether	6.671	45	193790	17.039	ug/l	91
23) Vinyl Acetate	6.600	43	450320	71.387	ug/l	92
24) 1,1-Dichloroethane	6.565	63	121036	15.877	ug/l	99
25) 2-Butanone	7.483	43	161434	67.877	ug/l	92
26) 2,2-Dichloropropane	7.483	77	116476	17.552	ug/l	97
27) cis-1,2-Dichloroethene	7.488	96	80629	16.635	ug/l	92
28) Bromochloromethane	7.812	49	61427	17.330	ug/l	93
29) Tetrahydrofuran	7.835	42	107326	69.195	ug/l	86
30) Chloroform	7.965	83	139183	18.185	ug/l	88
31) Cyclohexane	8.253	56	95568	15.089	ug/l	91
32) 1,1,1-Trichloroethane	8.171	97	125749	18.221	ug/l	97
36) 1,1-Dichloropropene	8.371	75	94638	15.874	ug/l	98
37) Ethyl Acetate	7.559	43	66036	14.679	ug/l	99
38) Carbon Tetrachloride	8.359	117	108685	17.820	ug/l	96
39) Methylcyclohexane	9.600	83	87158	17.824	ug/l #	88
40) Benzene	8.606	78	295392	17.236	ug/l	100

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41) Methacrylonitrile	7.782	41	38456	13.862	ug/l	94
42) 1,2-Dichloroethane	8.665	62	103394	18.717	ug/l	100
43) Isopropyl Acetate	8.688	43	114196	15.661	ug/l	95
44) Trichloroethene	9.353	130	77407	17.394	ug/l	100
45) 1,2-Dichloropropane	9.624	63	77038	19.013	ug/l	97
46) Dibromomethane	9.706	93	49374	18.112	ug/l	89
47) Bromodichloromethane	9.888	83	109435	19.151	ug/l	98
48) Methyl methacrylate	9.682	41	66409	16.403	ug/l	88
49) 1,4-Dioxane	9.688	88	21431	331.180	ug/l #	85
51) 4-Methyl-2-Pentanone	10.447	43	360409	86.904	ug/l	99
52) Toluene	10.629	92	188525	19.888	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	110578	19.195	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	124605	19.326	ug/l	99
55) 1,1,2-Trichloroethane	11.018	97	73048	19.427	ug/l	92
56) Ethyl methacrylate	10.876	69	73745	20.023	ug/l #	88
57) 1,3-Dichloropropane	11.165	76	125138	19.642	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	249294	95.848	ug/l	96
59) 2-Hexanone	11.194	43	256018	81.907	ug/l	99
60) Dibromochloromethane	11.359	129	80951	19.334	ug/l	98
61) 1,2-Dibromoethane	11.470	107	69622	18.364	ug/l	97
64) Tetrachloroethene	11.106	164	64603	18.160	ug/l	97
65) Chlorobenzene	11.894	112	192299	17.363	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	77136	18.106	ug/l	97
67) Ethyl Benzene	11.965	91	333944	18.036	ug/l	97
68) m/p-Xylenes	12.070	106	252087	36.693	ug/l	93
69) o-Xylene	12.400	106	122592	18.169	ug/l	95
70) Styrene	12.412	104	185480	18.903	ug/l	98
71) Bromoform	12.576	173	52405	17.389	ug/l #	99
73) Isopropylbenzene	12.694	105	305937	18.539	ug/l	100
74) N-amyl acetate	12.494	43	93670	16.089	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.935	83	93115	16.351	ug/l	96
76) 1,2,3-Trichloropropane	12.994	75	86012m	16.586	ug/l	
77) Bromobenzene	12.982	156	78700	17.956	ug/l	98
78) n-propylbenzene	13.035	91	351374	18.619	ug/l	99
79) 2-Chlorotoluene	13.123	91	224528	18.225	ug/l	100
80) 1,3,5-Trimethylbenzene	13.170	105	265081	19.023	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	28893	15.092	ug/l #	84
82) 4-Chlorotoluene	13.223	91	236192	18.746	ug/l	96
83) tert-Butylbenzene	13.441	119	210766	18.097	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	266732	18.905	ug/l	100
85) sec-Butylbenzene	13.617	105	274548	17.815	ug/l	100
86) p-Isopropyltoluene	13.729	119	243218	17.531	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	135716	17.181	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	138463	17.438	ug/l	98
89) n-Butylbenzene	14.059	91	199184	17.294	ug/l	100
90) Hexachloroethane	14.335	117	40478	16.826	ug/l	70
91) 1,2-Dichlorobenzene	14.106	146	133406	17.498	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	18382	15.639	ug/l	97
93) 1,2,4-Trichlorobenzene	15.394	180	69453	17.266	ug/l	99
94) Hexachlorobutadiene	15.500	225	36130	17.405	ug/l	98
95) Naphthalene	15.641	128	202438	16.170	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	67648	16.635	ug/l	97

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

