

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100224\
 Data File : VN084261.D
 Acq On : 02 Oct 2024 13:45
 Operator : JC\MD
 Sample : VN1002WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1002WBSD01

Manual Integrations
 APPROVED

Reviewed By :John Carlone 10/03/2024
 Supervised By :Semsettin Yesilyurt 10/03/2024

Quant Time: Oct 03 01:58:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N093024W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 01 07:11:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.223	168	156559	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	270852	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.864	117	243364	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	117449	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	120781	52.032	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	104.060%
35) Dibromofluoromethane	8.171	113	91244	51.099	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.200%
50) Toluene-d8	10.564	98	343983	52.361	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	104.720%
62) 4-Bromofluorobenzene	12.847	95	121355	50.705	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	101.420%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.130	85	33436	18.055	ug/l	97
3) Chloromethane	2.359	50	40497	19.152	ug/l	99
4) Vinyl Chloride	2.518	62	38590	18.841	ug/l	96
5) Bromomethane	2.959	94	25431	18.824	ug/l	91
6) Chloroethane	3.124	64	24809	16.913	ug/l	96
7) Trichlorofluoromethane	3.500	101	59432	18.634	ug/l	100
8) Diethyl Ether	3.959	74	21103	17.840	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.377	101	35198	19.260	ug/l	100
10) Methyl Iodide	4.588	142	42784	18.179	ug/l	93
11) Tert butyl alcohol	5.518	59	34532	90.218	ug/l	99
12) 1,1-Dichloroethene	4.347	96	33022	18.733	ug/l	95
13) Acrolein	4.183	56	38786	88.267	ug/l	97
14) Allyl chloride	5.030	41	52993	17.310	ug/l	98
15) Acrylonitrile	5.718	53	97621	100.997	ug/l	96
16) Acetone	4.430	43	85039	85.280	ug/l	99
17) Carbon Disulfide	4.712	76	93763	16.800	ug/l	98
18) Methyl Acetate	5.030	43	45352	20.867	ug/l	99
19) Methyl tert-butyl Ether	5.800	73	113328	19.048	ug/l	99
20) Methylene Chloride	5.277	84	38511	18.999	ug/l	92
21) trans-1,2-Dichloroethene	5.788	96	34629	18.751	ug/l	95
22) Diisopropyl ether	6.671	45	125589	19.833	ug/l	95
23) Vinyl Acetate	6.606	43	466257	99.274	ug/l	99
24) 1,1-Dichloroethane	6.565	63	69560	19.643	ug/l	100
25) 2-Butanone	7.482	43	128784	94.822	ug/l	95
26) 2,2-Dichloropropane	7.488	77	57218	17.920	ug/l	100
27) cis-1,2-Dichloroethene	7.488	96	40867	18.313	ug/l	98
28) Bromochloromethane	7.818	49	35407	22.409	ug/l	99
29) Tetrahydrofuran	7.835	42	83780	99.959	ug/l	100
30) Chloroform	7.965	83	70456	19.154	ug/l	95
31) Cyclohexane	8.259	56	60877	17.706	ug/l	97
32) 1,1,1-Trichloroethane	8.171	97	64248	19.448	ug/l	95
36) 1,1-Dichloropropene	8.371	75	49801	19.201	ug/l	98
37) Ethyl Acetate	7.565	43	52813	19.848	ug/l	99
38) Carbon Tetrachloride	8.359	117	54846	19.277	ug/l	95
39) Methylcyclohexane	9.600	83	52107	18.051	ug/l	95
40) Benzene	8.606	78	157717	19.517	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.776	41	28127	19.471	ug/l	99
42) 1,2-Dichloroethane	8.671	62	54972	20.066	ug/l	100
43) Isopropyl Acetate	8.688	43	86402	16.578	ug/l	99
44) Trichloroethene	9.347	130	35910	19.026	ug/l	98
45) 1,2-Dichloropropane	9.617	63	39957	20.902	ug/l	98
46) Dibromomethane	9.712	93	27658	21.439	ug/l	99
47) Bromodichloromethane	9.888	83	57685	20.126	ug/l	99
48) Methyl methacrylate	9.682	41	40827	19.678	ug/l	99
49) 1,4-Dioxane	9.694	88	14553	381.010	ug/l	93
51) 4-Methyl-2-Pentanone	10.447	43	266441	105.185	ug/l	97
52) Toluene	10.629	92	95608	19.402	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	56646	19.389	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	62373	19.848	ug/l	96
55) 1,1,2-Trichloroethane	11.017	97	36942	20.912	ug/l	96
56) Ethyl methacrylate	10.876	69	56851	19.558	ug/l	97
57) 1,3-Dichloropropane	11.159	76	64399	20.401	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	138529	102.732	ug/l	99
59) 2-Hexanone	11.194	43	190943	100.855	ug/l	100
60) Dibromochloromethane	11.359	129	43452	20.818	ug/l	98
61) 1,2-Dibromoethane	11.470	107	36835	20.067	ug/l	99
64) Tetrachloroethene	11.106	164	32011	18.885	ug/l	99
65) Chlorobenzene	11.894	112	103501	19.181	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	36387	19.578	ug/l	99
67) Ethyl Benzene	11.964	91	175756	18.418	ug/l	98
68) m/p-Xylenes	12.070	106	135425	38.365	ug/l	100
69) o-Xylene	12.400	106	65693	19.670	ug/l	96
70) Styrene	12.411	104	111528	19.716	ug/l	98
71) Bromoform	12.582	173	27303	19.953	ug/l #	98
73) Isopropylbenzene	12.694	105	161612	18.032	ug/l	100
74) N-amyl acetate	12.494	43	74683	18.402	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	52453	19.464	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	44809m	18.688	ug/l	
77) Bromobenzene	12.982	156	40400	18.688	ug/l	99
78) n-propylbenzene	13.035	91	192701	18.558	ug/l	99
79) 2-Chlorotoluene	13.123	91	125248	18.902	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	141086	19.298	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	17605	17.603	ug/l	98
82) 4-Chlorotoluene	13.223	91	123739	18.551	ug/l	99
83) tert-Butylbenzene	13.435	119	117286	18.050	ug/l	100
84) 1,2,4-Trimethylbenzene	13.482	105	142239	19.313	ug/l	100
85) sec-Butylbenzene	13.617	105	164347	18.954	ug/l	100
86) p-Isopropyltoluene	13.729	119	134378	18.742	ug/l	100
87) 1,3-Dichlorobenzene	13.735	146	76508	18.865	ug/l	98
88) 1,4-Dichlorobenzene	13.811	146	75945	18.543	ug/l	100
89) n-Butylbenzene	14.053	91	113476	17.454	ug/l	98
90) Hexachloroethane	14.335	117	26127	17.952	ug/l	99
91) 1,2-Dichlorobenzene	14.105	146	73995	18.607	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.717	75	10021	18.019	ug/l	100
93) 1,2,4-Trichlorobenzene	15.394	180	34768	17.750	ug/l	99
94) Hexachlorobutadiene	15.499	225	15833	16.209	ug/l	99
95) Naphthalene	15.641	128	105509	16.248	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	34503	17.597	ug/l	98

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

