

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100224\
 Data File : VN084260.D
 Acq On : 02 Oct 2024 13:12
 Operator : JC\MD
 Sample : VN1002WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1002WBS01

Manual Integrations
 APPROVED

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

Quant Time: Oct 03 01:57:06 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	8.224	168	163120	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	285063	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	255059	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	121099	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	124378	51.427	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	102.860%
35) Dibromofluoromethane	8.165	113	96846	51.533	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.060%
50) Toluene-d8	10.565	98	363079	52.512	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	105.020%
62) 4-Bromofluorobenzene	12.847	95	126681	50.292	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	100.580%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.130	85	36755	19.049	ug/l	92
3) Chloromethane	2.359	50	40442	18.357	ug/l	96
4) Vinyl Chloride	2.518	62	41326	19.365	ug/l	95
5) Bromomethane	2.959	94	25959	18.442	ug/l	99
6) Chloroethane	3.124	64	27501	17.994	ug/l #	87
7) Trichlorofluoromethane	3.500	101	64364	19.369	ug/l	100
8) Diethyl Ether	3.959	74	21699	17.606	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.377	101	36862	19.359	ug/l	99
10) Methyl Iodide	4.589	142	45520	18.564	ug/l	94
11) Tert butyl alcohol	5.524	59	34604	86.770	ug/l	100
12) 1,1-Dichloroethene	4.342	96	34188	18.615	ug/l	97
13) Acrolein	4.183	56	39565	86.419	ug/l	98
14) Allyl chloride	5.024	41	53174	16.671	ug/l	99
15) Acrylonitrile	5.718	53	98162	97.472	ug/l	98
16) Acetone	4.424	43	87569	84.285	ug/l	100
17) Carbon Disulfide	4.712	76	101590	17.471	ug/l	99
18) Methyl Acetate	5.030	43	43746	19.318	ug/l	97
19) Methyl tert-butyl Ether	5.794	73	115705	18.665	ug/l	97
20) Methylene Chloride	5.277	84	40889	19.360	ug/l	96
21) trans-1,2-Dichloroethene	5.783	96	37358	19.415	ug/l	89
22) Diisopropyl ether	6.671	45	127268	19.290	ug/l	96
23) Vinyl Acetate	6.606	43	460960	94.198	ug/l	100
24) 1,1-Dichloroethane	6.571	63	71277	19.318	ug/l #	96
25) 2-Butanone	7.482	43	132083	93.339	ug/l	96
26) 2,2-Dichloropropane	7.488	77	61720	18.553	ug/l	100
27) cis-1,2-Dichloroethene	7.488	96	43858	18.862	ug/l	99
28) Bromochloromethane	7.812	49	36057	21.903	ug/l	100
29) Tetrahydrofuran	7.841	42	85242	97.612	ug/l	100
30) Chloroform	7.965	83	75905	19.805	ug/l	96
31) Cyclohexane	8.259	56	63379	17.692	ug/l	96
32) 1,1,1-Trichloroethane	8.165	97	67848	19.712	ug/l	98
36) 1,1-Dichloropropene	8.371	75	51435	18.842	ug/l	99
37) Ethyl Acetate	7.565	43	50390	17.993	ug/l	99
38) Carbon Tetrachloride	8.365	117	58426	19.512	ug/l	96
39) Methylcyclohexane	9.600	83	53076	17.470	ug/l	98
40) Benzene	8.606	78	165428	19.451	ug/l	98

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41) Methacrylonitrile	7.777	41	28427	18.697	ug/l	97
42) 1,2-Dichloroethane	8.671	62	55626	19.292	ug/l	99
43) Isopropyl Acetate	8.688	43	85184	15.529	ug/l	97
44) Trichloroethene	9.353	130	37831	19.045	ug/l	94
45) 1,2-Dichloropropane	9.618	63	40737	20.247	ug/l	98
46) Dibromomethane	9.706	93	27711	20.410	ug/l	97
47) Bromodichloromethane	9.888	83	59313	19.663	ug/l #	97
48) Methyl methacrylate	9.682	41	41826	19.155	ug/l	98
49) 1,4-Dioxane	9.694	88	15678	390.001	ug/l #	93
51) 4-Methyl-2-Pentanone	10.447	43	265657	99.648	ug/l	99
52) Toluene	10.629	92	99395	19.165	ug/l	97
53) t-1,3-Dichloropropene	10.835	75	58047	18.878	ug/l	96
54) cis-1,3-Dichloropropene	10.312	75	62491	18.894	ug/l	96
55) 1,1,2-Trichloroethane	11.018	97	36690	19.734	ug/l	96
56) Ethyl methacrylate	10.876	69	57303	18.730	ug/l	98
57) 1,3-Dichloropropane	11.165	76	64835	19.515	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	137907	97.172	ug/l	99
59) 2-Hexanone	11.194	43	191798	96.256	ug/l	99
60) Dibromochloromethane	11.359	129	43719	19.901	ug/l	99
61) 1,2-Dibromoethane	11.465	107	36850	19.074	ug/l	99
64) Tetrachloroethene	11.106	164	34478	19.408	ug/l	89
65) Chlorobenzene	11.888	112	104775	18.527	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.959	131	36544	18.761	ug/l	98
67) Ethyl Benzene	11.965	91	184215	18.419	ug/l	98
68) m/p-Xylenes	12.070	106	142647	38.558	ug/l	98
69) o-Xylene	12.394	106	65630	18.751	ug/l	98
70) Styrene	12.412	104	112475	18.972	ug/l	98
71) Bromoform	12.576	173	27739	19.342	ug/l #	98
73) Isopropylbenzene	12.694	105	168727	18.259	ug/l	100
74) N-ethyl acetate	12.494	43	74016	17.688	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	52053	18.733	ug/l	97
76) 1,2,3-Trichloropropane	12.994	75	45255m	18.305	ug/l	
77) Bromobenzene	12.982	156	41603	18.664	ug/l	97
78) n-propylbenzene	13.035	91	202726	18.935	ug/l	99
79) 2-Chlorotoluene	13.123	91	128806	18.853	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	145451	19.296	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	17421	16.894	ug/l	94
82) 4-Chlorotoluene	13.217	91	127108	18.482	ug/l	100
83) tert-Butylbenzene	13.435	119	120261	17.950	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	145723	19.190	ug/l	100
85) sec-Butylbenzene	13.617	105	167908	18.781	ug/l	99
86) p-Isopropyltoluene	13.729	119	138739	18.767	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	77466	18.525	ug/l	99
88) 1,4-Dichlorobenzene	13.811	146	77065	18.249	ug/l	98
89) n-Butylbenzene	14.053	91	113060	16.866	ug/l	99
90) Hexachloroethane	14.335	117	27610	18.399	ug/l	96
91) 1,2-Dichlorobenzene	14.106	146	73055	17.817	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	10211	17.808	ug/l	99
93) 1,2,4-Trichlorobenzene	15.394	180	32793	16.237	ug/l	98
94) Hexachlorobutadiene	15.500	225	15472	15.362	ug/l	98
95) Naphthalene	15.641	128	103936	15.524	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	33110	16.378	ug/l	99

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

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