

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN103024\
 Data File : VN084570.D
 Acq On : 30 Oct 2024 11:46
 Operator : JC\MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Quant Time: Oct 31 18:18:26 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 18:18:08 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 11/04/2024
 Supervised By : Mahesh Dadoda 11/04/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	187429	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	309230	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	282514	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	142702	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.577	65	258269	95.404	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 190.800%#	
35) Dibromofluoromethane	8.165	113	206417	98.617	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 197.240%#	
50) Toluene-d8	10.565	98	783727	101.646	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 203.300%#	
62) 4-Bromofluorobenzene	12.847	95	297647	103.292	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 206.580%#	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.124	85	214094	99.364	ug/l	93
3) Chloromethane	2.359	50	246492	100.015	ug/l	97
4) Vinyl Chloride	2.512	62	229760	99.144	ug/l	99
5) Bromomethane	2.901	94	109436	89.128	ug/l	97
6) Chloroethane	3.071	64	141883	100.310	ug/l	98
7) Trichlorofluoromethane	3.465	101	363937	95.335	ug/l	100
8) Diethyl Ether	3.953	74	131399	97.575	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.347	101	212244	98.394	ug/l	99
10) Methyl Iodide	4.577	142	272990	94.692	ug/l	96
11) Tert butyl alcohol	5.547	59	153595	429.840	ug/l	100
12) 1,1-Dichloroethene	4.324	96	205332	96.200	ug/l	98
13) Acrolein	4.171	56	161607	453.545	ug/l	100
14) Allyl chloride	5.012	41	350014	101.116	ug/l	92
15) Acrylonitrile	5.712	53	494070	477.613	ug/l	100
16) Acetone	4.424	43	390888	502.753	ug/l	98
17) Carbon Disulfide	4.700	76	601202	91.464	ug/l	99
18) Methyl Acetate	5.018	43	273870	99.857	ug/l	100
19) Methyl tert-butyl Ether	5.789	73	664800	101.618	ug/l	99
20) Methylene Chloride	5.271	84	226231	95.017	ug/l	90
21) trans-1,2-Dichloroethene	5.777	96	211649	96.569	ug/l	93
22) Diisopropyl ether	6.665	45	696527	101.268	ug/l	99
23) Vinyl Acetate	6.600	43	2441301	514.697	ug/l	99
24) 1,1-Dichloroethane	6.559	63	399999	96.866	ug/l	98
25) 2-Butanone	7.483	43	591863	468.634	ug/l	98
26) 2,2-Dichloropropane	7.483	77	362927	100.979	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	252932	98.835	ug/l	96
28) Bromochloromethane	7.812	49	180881	109.944	ug/l	96
29) Tetrahydrofuran	7.835	42	415033	495.347	ug/l	97
30) Chloroform	7.959	83	412084	98.045	ug/l	100
31) Cyclohexane	8.253	56	358350	95.881	ug/l	99
32) 1,1,1-Trichloroethane	8.165	97	374940	98.012	ug/l	98
36) 1,1-Dichloropropene	8.365	75	294131	101.323	ug/l	99
37) Ethyl Acetate	7.559	43	262200	99.553	ug/l	98
38) Carbon Tetrachloride	8.359	117	327651	100.981	ug/l	98
39) Methylcyclohexane	9.600	83	337677	114.344	ug/l	97
40) Benzene	8.600	78	924038	99.119	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	145041	102.406	ug/l	95
42) 1,2-Dichloroethane	8.665	62	301932	100.005	ug/l	100
43) Isopropyl Acetate	8.688	43	485962	100.857	ug/l	99
44) Trichloroethene	9.347	130	209438	97.413	ug/l	98
45) 1,2-Dichloropropane	9.618	63	220258	100.718	ug/l	95
46) Dibromomethane	9.706	93	151661	98.281	ug/l	98
47) Bromodichloromethane	9.888	83	326466	100.364	ug/l #	96
48) Methyl methacrylate	9.677	41	219838	107.249	ug/l	98
49) 1,4-Dioxane	9.694	88	76189	2097.505	ug/l #	80
51) 4-Methyl-2-Pentanone	10.447	43	1312148	522.607	ug/l	99
52) Toluene	10.629	92	570832	104.696	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	341196	101.334	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	366358	102.804	ug/l	98
55) 1,1,2-Trichloroethane	11.018	97	207689	101.124	ug/l	97
56) Ethyl methacrylate	10.871	69	340367	114.573	ug/l	97
57) 1,3-Dichloropropane	11.165	76	357131	101.320	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	849817	611.330	ug/l	98
59) 2-Hexanone	11.194	43	971064	531.346	ug/l	97
60) Dibromochloromethane	11.359	129	249733	106.691	ug/l	99
61) 1,2-Dibromoethane	11.471	107	210043	99.870	ug/l	100
64) Tetrachloroethene	11.100	164	184478	98.169	ug/l	96
65) Chlorobenzene	11.888	112	603595	95.500	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.959	131	212055	96.458	ug/l	99
67) Ethyl Benzene	11.965	91	1106035	104.837	ug/l	99
68) m/p-Xylenes	12.070	106	832448	208.419	ug/l	99
69) o-Xylene	12.400	106	397449	106.372	ug/l	100
70) Styrene	12.412	104	691175	106.042	ug/l	98
71) Bromoform	12.582	173	162189	98.044	ug/l #	97
73) Isopropylbenzene	12.694	105	1015352	101.533	ug/l	100
74) N-amyl acetate	12.494	43	441232	103.666	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	300162	89.924	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	249062m	88.446	ug/l	
77) Bromobenzene	12.982	156	245558	91.341	ug/l	94
78) n-propylbenzene	13.035	91	1208185	103.100	ug/l	98
79) 2-Chlorotoluene	13.123	91	736738	96.217	ug/l	98
80) 1,3,5-Trimethylbenzene	13.170	105	866736	104.573	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	115847	96.347	ug/l	98
82) 4-Chlorotoluene	13.217	91	761196	94.462	ug/l	99
83) tert-Butylbenzene	13.435	119	746926	108.888	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	899374	105.136	ug/l	99
85) sec-Butylbenzene	13.617	105	1027413	106.032	ug/l	99
86) p-Isopropyltoluene	13.729	119	877717	110.451	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	468620	89.320	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	469714	100.067	ug/l	98
89) n-Butylbenzene	14.053	91	778487	104.727	ug/l	100
90) Hexachloroethane	14.335	117	165030	93.123	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	456925	90.631	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	58247	86.136	ug/l	97
93) 1,2,4-Trichlorobenzene	15.388	180	243087	88.091	ug/l	99
94) Hexachlorobutadiene	15.500	225	102558	84.631	ug/l	99
95) Naphthalene	15.641	128	792903	95.997	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	237515	88.667	ug/l	98

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

