

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112024\
 Data File : VN084960.D
 Acq On : 20 Nov 2024 11:18
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Nov 21 00:32:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 18:45:38 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 11/21/2024
 Supervised By :Mahesh Dadoda 11/21/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	164992	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	271316	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	240365	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	122785	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	107759	45.219	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	90.440%		
35) Dibromofluoromethane	8.159	113	85890	46.769	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.540%		
50) Toluene-d8	10.565	98	310714	45.930	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	91.860%		
62) 4-Bromofluorobenzene	12.847	95	121953	48.235	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	96.480%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	102999	54.304	ug/l	94
3) Chloromethane	2.359	50	110719	49.734	ug/l	98
4) Vinyl Chloride	2.512	62	107639	52.764	ug/l	98
5) Bromomethane	2.900	94	56156	51.955	ug/l	97
6) Chloroethane	3.071	64	67311	53.398	ug/l	94
7) Trichlorofluoromethane	3.471	101	176242	52.445	ug/l	98
8) Diethyl Ether	3.953	74	63921	53.922	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.353	101	101609	53.510	ug/l	100
10) Methyl Iodide	4.571	142	137664	54.245	ug/l	95
11) Tert butyl alcohol	5.541	59	90985	289.250	ug/l	99
12) 1,1-Dichloroethene	4.324	96	95095	50.612	ug/l	97
13) Acrolein	4.177	56	83697	266.836	ug/l	98
14) Allyl chloride	5.012	41	161833	53.110	ug/l	93
15) Acrylonitrile	5.718	53	255741	280.842	ug/l	99
16) Acetone	4.430	43	165010	239.592	ug/l	97
17) Carbon Disulfide	4.700	76	277268	47.919	ug/l	100
18) Methyl Acetate	5.024	43	126759	50.446	ug/l	98
19) Methyl tert-butyl Ether	5.794	73	323521	56.177	ug/l	97
20) Methylene Chloride	5.265	84	107519	51.299	ug/l	92
21) trans-1,2-Dichloroethene	5.783	96	97972	50.781	ug/l	98
22) Diisopropyl ether	6.665	45	326570	53.937	ug/l	97
23) Vinyl Acetate	6.594	43	1220460	292.299	ug/l	99
24) 1,1-Dichloroethane	6.565	63	189216	52.053	ug/l	99
25) 2-Butanone	7.482	43	301402	271.102	ug/l	98
26) 2,2-Dichloropropane	7.482	77	175340	55.420	ug/l	99
27) cis-1,2-Dichloroethene	7.482	96	118648	52.668	ug/l	96
28) Bromochloromethane	7.812	49	72293	49.917	ug/l	92
29) Tetrahydrofuran	7.835	42	216108	293.003	ug/l	95
30) Chloroform	7.965	83	193933	52.416	ug/l	97
31) Cyclohexane	8.253	56	167902	51.034	ug/l	97
32) 1,1,1-Trichloroethane	8.165	97	178940	53.137	ug/l	98
36) 1,1-Dichloropropene	8.365	75	137824	54.113	ug/l	100
37) Ethyl Acetate	7.559	43	134705	58.292	ug/l	97
38) Carbon Tetrachloride	8.359	117	156315	54.908	ug/l	99
39) Methylcyclohexane	9.600	83	154889	59.777	ug/l	98
40) Benzene	8.606	78	426723	52.170	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	78926	63.513	ug/l	99
42) 1,2-Dichloroethane	8.665	62	143286	54.090	ug/l	99
43) Isopropyl Acetate	8.688	43	242469	56.930	ug/l	100
44) Trichloroethene	9.347	130	99056	52.511	ug/l	100
45) 1,2-Dichloropropane	9.618	63	104248	54.331	ug/l	96
46) Dibromomethane	9.706	93	73957	54.624	ug/l	99
47) Bromodichloromethane	9.888	83	154269	54.053	ug/l	99
48) Methyl methacrylate	9.676	41	109069	60.645	ug/l	97
49) 1,4-Dioxane	9.700	88	36313	1139.408	ug/l #	81
51) 4-Methyl-2-Pentanone	10.441	43	683902	310.450	ug/l	98
52) Toluene	10.629	92	270072	56.456	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	160608	54.366	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	172110	55.045	ug/l	96
55) 1,1,2-Trichloroethane	11.018	97	98018	54.394	ug/l	96
56) Ethyl methacrylate	10.870	69	165749	63.590	ug/l	96
57) 1,3-Dichloropropane	11.165	76	172010	55.619	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	371343	304.461	ug/l	98
59) 2-Hexanone	11.194	43	536530	334.603	ug/l	98
60) Dibromochloromethane	11.359	129	117689	57.305	ug/l	100
61) 1,2-Dibromoethane	11.465	107	100326	54.368	ug/l	100
64) Tetrachloroethene	11.100	164	85588	53.532	ug/l	97
65) Chlorobenzene	11.888	112	284076	52.828	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.959	131	101276	54.146	ug/l	99
67) Ethyl Benzene	11.965	91	507651	56.556	ug/l	100
68) m/p-Xylenes	12.070	106	391940	115.337	ug/l	100
69) o-Xylene	12.394	106	187331	58.928	ug/l	99
70) Styrene	12.412	104	319362	57.589	ug/l	100
71) Bromoform	12.576	173	79345	56.375	ug/l #	99
73) Isopropylbenzene	12.694	105	479086	55.679	ug/l	99
74) N-amyl acetate	12.494	43	205323	56.065	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.941	83	146589	51.040	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	125143m	50.987	ug/l	
77) Bromobenzene	12.976	156	113414	49.030	ug/l	98
78) n-propylbenzene	13.035	91	563327	55.869	ug/l	99
79) 2-Chlorotoluene	13.123	91	349601	53.064	ug/l	98
80) 1,3,5-Trimethylbenzene	13.170	105	407010	57.072	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	56982	55.078	ug/l	94
82) 4-Chlorotoluene	13.217	91	353895	51.041	ug/l	99
83) tert-Butylbenzene	13.435	119	348071	58.973	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	414294	56.287	ug/l	99
85) sec-Butylbenzene	13.611	105	467025	56.017	ug/l	99
86) p-Isopropyltoluene	13.729	119	401222	58.679	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	213991	47.403	ug/l	100
88) 1,4-Dichlorobenzene	13.811	146	213744	51.698	ug/l	99
89) n-Butylbenzene	14.053	91	339784	53.124	ug/l	99
90) Hexachloroethane	14.335	117	75005	49.189	ug/l	97
91) 1,2-Dichlorobenzene	14.106	146	212272	48.934	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	31109	53.467	ug/l	97
93) 1,2,4-Trichlorobenzene	15.394	180	112274	47.286	ug/l	99
94) Hexachlorobutadiene	15.500	225	49818	47.779	ug/l	98
95) Naphthalene	15.641	128	368434	51.842	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	106677	46.284	ug/l	99

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

