

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110724\
 Data File : VN084716.D
 Acq On : 07 Nov 2024 11:50
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Nov 08 00:22:48 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 11/08/2024
 Supervised By : Mahesh Dadoda 11/08/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	165434	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	276584	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	245337	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	120573	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	116519	48.764	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.520%		
35) Dibromofluoromethane	8.165	113	96671	51.637	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	103.280%		
50) Toluene-d8	10.565	98	348611	50.550	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	101.100%		
62) 4-Bromofluorobenzene	12.847	95	131053	50.847	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	101.700%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	86346	45.403	ug/l	95
3) Chloromethane	2.365	50	97524	43.368	ug/l	98
4) Vinyl Chloride	2.512	62	94062	45.985	ug/l	100
5) Bromomethane	2.901	94	51356	47.387	ug/l	99
6) Chloroethane	3.071	64	62780	49.570	ug/l	99
7) Trichlorofluoromethane	3.465	101	163346	48.478	ug/l	100
8) Diethyl Ether	3.953	74	57538	48.407	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.359	101	91269	47.937	ug/l	97
10) Methyl Iodide	4.577	142	128760	50.601	ug/l	97
11) Tert butyl alcohol	5.542	59	78024	247.383	ug/l	99
12) 1,1-Dichloroethene	4.324	96	87866	46.639	ug/l	98
13) Acrolein	4.171	56	76095	241.951	ug/l	98
14) Allyl chloride	5.018	41	148376	48.564	ug/l	91
15) Acrylonitrile	5.712	53	234598	256.935	ug/l	99
16) Acetone	4.430	43	184145	266.988	ug/l	97
17) Carbon Disulfide	4.695	76	241657	41.653	ug/l	99
18) Methyl Acetate	5.024	43	119127	47.010	ug/l	95
19) Methyl tert-butyl Ether	5.789	73	304735	52.773	ug/l	97
20) Methylene Chloride	5.271	84	101790	48.436	ug/l	92
21) trans-1,2-Dichloroethene	5.777	96	92402	47.766	ug/l	98
22) Diisopropyl ether	6.671	45	311685	51.341	ug/l	95
23) Vinyl Acetate	6.600	43	1096391	261.883	ug/l	98
24) 1,1-Dichloroethane	6.559	63	180729	49.585	ug/l	98
25) 2-Butanone	7.483	43	290374	260.485	ug/l	99
26) 2,2-Dichloropropane	7.483	77	153602	48.419	ug/l	99
27) cis-1,2-Dichloroethene	7.477	96	111713	49.457	ug/l	96
28) Bromochloromethane	7.812	49	84721	58.342	ug/l	91
29) Tetrahydrofuran	7.835	42	191069	258.363	ug/l	94
30) Chloroform	7.965	83	188469	50.804	ug/l	97
31) Cyclohexane	8.253	56	144029	43.660	ug/l	94
32) 1,1,1-Trichloroethane	8.165	97	170617	50.530	ug/l	96
36) 1,1-Dichloropropene	8.365	75	124650	48.008	ug/l	99
37) Ethyl Acetate	7.553	43	117930	50.061	ug/l	98
38) Carbon Tetrachloride	8.359	117	146692	50.546	ug/l	98
39) Methylcyclohexane	9.600	83	127406	48.234	ug/l	99
40) Benzene	8.600	78	408507	48.991	ug/l	99

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41) Methacrylonitrile	7.777	41	65103	51.391	ug/l	92
42) 1,2-Dichloroethane	8.665	62	136310	50.477	ug/l	99
43) Isopropyl Acetate	8.688	43	207644	47.667	ug/l	96
44) Trichloroethene	9.353	130	92416	48.058	ug/l	98
45) 1,2-Dichloropropane	9.618	63	100359	51.308	ug/l	94
46) Dibromomethane	9.706	93	70461	51.050	ug/l	96
47) Bromodichloromethane	9.882	83	152522	52.423	ug/l	99
48) Methyl methacrylate	9.682	41	100614	54.879	ug/l	97
49) 1,4-Dioxane	9.694	88	36111	1111.488	ug/l #	80
51) 4-Methyl-2-Pentanone	10.447	43	615162	273.928	ug/l	98
52) Toluene	10.629	92	256558	52.609	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	149186	49.537	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	160528	50.363	ug/l	97
55) 1,1,2-Trichloroethane	11.012	97	97978	53.337	ug/l	95
56) Ethyl methacrylate	10.871	69	153834	57.895	ug/l	96
57) 1,3-Dichloropropane	11.165	76	165529	52.504	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	350276	281.718	ug/l	97
59) 2-Hexanone	11.194	43	448231	274.212	ug/l	96
60) Dibromochloromethane	11.359	129	116583	55.685	ug/l	99
61) 1,2-Dibromoethane	11.471	107	97260	51.703	ug/l	98
64) Tetrachloroethene	11.100	164	83094	50.919	ug/l	98
65) Chlorobenzene	11.888	112	269675	49.133	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.959	131	100646	52.719	ug/l	99
67) Ethyl Benzene	11.965	91	474364	51.777	ug/l	99
68) m/p-Xylenes	12.070	106	367996	106.096	ug/l	99
69) o-Xylene	12.394	106	175234	54.006	ug/l	99
70) Styrene	12.412	104	308779	54.553	ug/l	99
71) Bromoform	12.576	173	79049	55.027	ug/l #	99
73) Isopropylbenzene	12.694	105	441397	52.240	ug/l	99
74) N-ethyl acetate	12.494	43	189296	52.637	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.935	83	144373	51.190	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	120461m	49.980	ug/l	
77) Bromobenzene	12.982	156	112678	49.606	ug/l	94
78) n-propylbenzene	13.035	91	509672	51.475	ug/l	97
79) 2-Chlorotoluene	13.123	91	326900	50.528	ug/l	98
80) 1,3,5-Trimethylbenzene	13.170	105	384093	54.846	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	49083	48.313	ug/l	97
82) 4-Chlorotoluene	13.217	91	331897	48.747	ug/l	99
83) tert-Butylbenzene	13.435	119	330775	57.071	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	397030	54.931	ug/l	98
85) sec-Butylbenzene	13.617	105	431521	52.708	ug/l	99
86) p-Isopropyltoluene	13.729	119	367069	54.669	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	208029	46.928	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	207926	51.197	ug/l	98
89) n-Butylbenzene	14.053	91	298921	47.593	ug/l	99
90) Hexachloroethane	14.335	117	71273	47.599	ug/l	96
91) 1,2-Dichlorobenzene	14.106	146	208231	48.883	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	27503	48.136	ug/l	96
93) 1,2,4-Trichlorobenzene	15.388	180	102415	43.925	ug/l	100
94) Hexachlorobutadiene	15.500	225	46298	45.217	ug/l	96
95) Naphthalene	15.641	128	333768	47.826	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	103125	45.563	ug/l	99

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

