Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121324\
Data File : BM048994.D
Acq On : 13 Dec 2024 23:31
Operator : RC/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD020064

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 12/14/2024
Supervised By :mohammad ahmed 12/14/2024

Quant Time: Dec 14 00:16:10 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 12 00:53:37 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.569	152	218747	20.000	ng/ul	0.00
20) Naphthalene-d8	10.333	136	899201	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.204	164	531671	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.951	188	1031436	20.000	ng/ul	0.00
79) Chrysene-d12	21.174	240	1019453	20.000	ng/ul	0.00
88) Perylene-d12	23.980	264	1002965	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.152	96	51478	8.282	ng/uL	0.00
4) Pyridine-d5	3.546	84	389449	21.068	ng/ul	0.00
7) Phenol-d5	6.751	99	387007	20.296	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.916	67	268680	20.747	ng/ul	0.00
11) 2-Chlorophenol-d4	7.110	132	292056	21.108	ng/ul	0.00
15) 4-Methylphenol-d8	8.275	113	286695	20.141	ng/ul	0.00
21) Nitrobenzene-d5	8.710	128	138657	21.501	ng/ul	0.00
24) 2-Nitrophenol-d4	9.428	143	122923	20.619	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.963	165	262875	20.719	ng/ul	0.00
31) 4-Chloroaniline-d4	10.475	131	404657	20.456	ng/ul	0.00
46) Dimethylphthalate-d6	13.627	166	771467	21.074	ng/ul	0.00
49) Acenaphthylene-d8	13.892	160	922784	20.650	ng/ul	0.00
54) 4-Nitrophenol-d4	14.416	143	144191	20.557	ng/ul	0.00
60) Fluorene-d10	15.204	176	663774	20.921	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.321	200	87391	16.241	ng/ul	0.00
73) Anthracene-d10	17.051	188	1011347	20.007	ng/ul	0.00
81) Pyrene-d10	19.351	212	1126526	19.682	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.791	264	1025660	19.959	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.187	88	56535	8.540	ng/uL	97
5) Pyridine	3.563	79	405244	20.981	ng/ul	98
6) Benzaldehyde	6.722	77	278018	27.346	ng/ul	99
8) Phenol	6.781	94	419563	20.412	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.004	93	335355	20.633	ng/ul	97
12) 2-Chlorophenol	7.140	128	306394	20.975	ng/ul	98
13) 2-Methylphenol	8.016	108	286784	20.331	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.092	45	495803	20.610	ng/ul	99
16) Acetophenone	8.381	105	503204	21.012	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.375	70	255960	21.932	ng/ul	99
18) 4-Methylphenol	8.339	108	318026	20.513	ng/ul	99
19) Hexachloroethane	8.634	117	130832	20.720	ng/ul	97
22) Nitrobenzene	8.751	77	375790	21.254	ng/ul	99
23) Isophorone	9.281	82	680305	21.765	ng/ul	97
25) 2-Nitrophenol	9.457	139	147059	20.913	ng/ul	98
26) 2,4-Dimethylphenol	9.528	107	309903	21.224	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.769	93	426481	21.347	ng/ul	98
29) 2,4-Dichlorophenol	9.986	162	273201	20.833	ng/ul	96
30) Naphthalene	10.386	128	963796	20.175	ng/ul	99
32) 4-Chloroaniline	10.498	127	387719	20.361	ng/ul	97
33) Hexachlorobutadiene	10.681	225	169041	19.971	ng/ul	97
34) Caprolactam	11.269	113	90202m	21.831	ng/ul	
35) 4-Chloro-3-methylphenol	11.633	107	281465	22.439	ng/ul	95
36) 2-Methylnaphthalene	12.004	142	631205	20.860	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.227	142	624970	20.667	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.380	216	324402	19.935	ng/ul	98
40) Hexachlorocyclopentadiene	12.363	237	173446	17.162	ng/ul	97
41) 2,4,6-Trichlorophenol	12.627	196	191024	20.919	ng/ul	98
42) 2,4,5-Trichlorophenol	12.698	196	213821	21.272	ng/ul	98
43) 1,1'-Biphenyl	13.033	154	803644	19.968	ng/ul	98
44) 2-Chloronaphthalene	13.069	162	640043	20.016	ng/ul	97
45) 2-Nitroaniline	13.280	65	187217	22.823	ng/ul	95
47) Dimethylphthalate	13.674	163	769166	21.000	ng/ul	100
48) 2,6-Dinitrotoluene	13.786	165	136717	22.139	ng/ul	95
50) Acenaphthylene	13.921	152	1003513	20.633	ng/ul	99
51) 3-Nitroaniline	14.110	138	160539	22.317	ng/ul	99
52) Acenaphthene	14.269	153	703195	20.382	ng/ul	99
53) 2,4-Dinitrophenol	14.316	184	49808	15.441	ng/ul	98
55) 4-Nitrophenol	14.427	109	105309	20.487	ng/ul	94
56) Dibenzofuran	14.610	168	951200	20.483	ng/ul	97
57) 2,4-Dinitrotoluene	14.574	165	207979	22.780	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	14.839	232	164752	22.393	ng/ul#	99
59) Diethylphthalate	15.051	149	771366	21.866	ng/ul	98
61) Fluorene	15.257	166	800600	20.853	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.263	204	388476	20.881	ng/ul	98
63) 4-Nitroaniline	15.280	138	168443	24.579	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.339	198	103931	17.348	ng/ul	97
67) N-Nitrosodiphenylamine	15.474	169	619791	19.723	ng/ul	99
68) 4-Bromophenyl-phenylether	16.157	248	202780	19.958	ng/ul	96
69) Hexachlorobenzene	16.262	284	240094	19.655	ng/ul	98
70) Atrazine	16.439	200	220630	19.151	ng/ul	97
71) Pentachlorophenol	16.604	266	133753	17.688	ng/ul	96
72) Phenanthrene	16.992	178	1183226	19.831	ng/ul	99
74) Anthracene	17.086	178	1203063	20.024	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	12.992	216	314503	18.804	ng/uL	97
76) Pentachlorobenzene	14.527	250	310200	19.122	ng/uL	97
77) Carbazole	17.357	167	1116780	19.710	ng/ul	99
78) Di-n-butylphthalate	17.945	149	1241359	21.813	ng/ul	100
80) Fluoranthene	19.015	202	1299418	19.309	ng/ul	100
82) Pyrene	19.380	202	1428576	19.243	ng/ul	100
83) Butylbenzylphthalate	20.303	149	478877	21.136	ng/ul	91
84) 3,3'-Dichlorobenzidine	21.092	252	312837	17.675	ng/ul	98
85) Benzo(a)anthracene	21.156	228	1387752	20.296	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.115	149	703225	21.482	ng/ul	99
87) Chrysene	21.215	228	1274424	19.802	ng/ul	99
89) Di-n-octyl phthalate	22.192	149	1059594	17.565	ng/ul	100
90) Benzo(b)fluoranthene	23.103	252	1240473	19.556	ng/ul	98
91) Benzo(k)fluoranthene	23.162	252	1252332	19.763	ng/ul	99
93) Benzo(a)pyrene	23.850	252	1167536	19.796	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.103	276	1436781	19.717	ng/ul	98
95) Dibenzo(a,h)anthracene	27.162	278	1165573	19.576	ng/ul	99
96) Benzo(g,h,i)perylene	28.073	276	1101307	19.689	ng/ul	98

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

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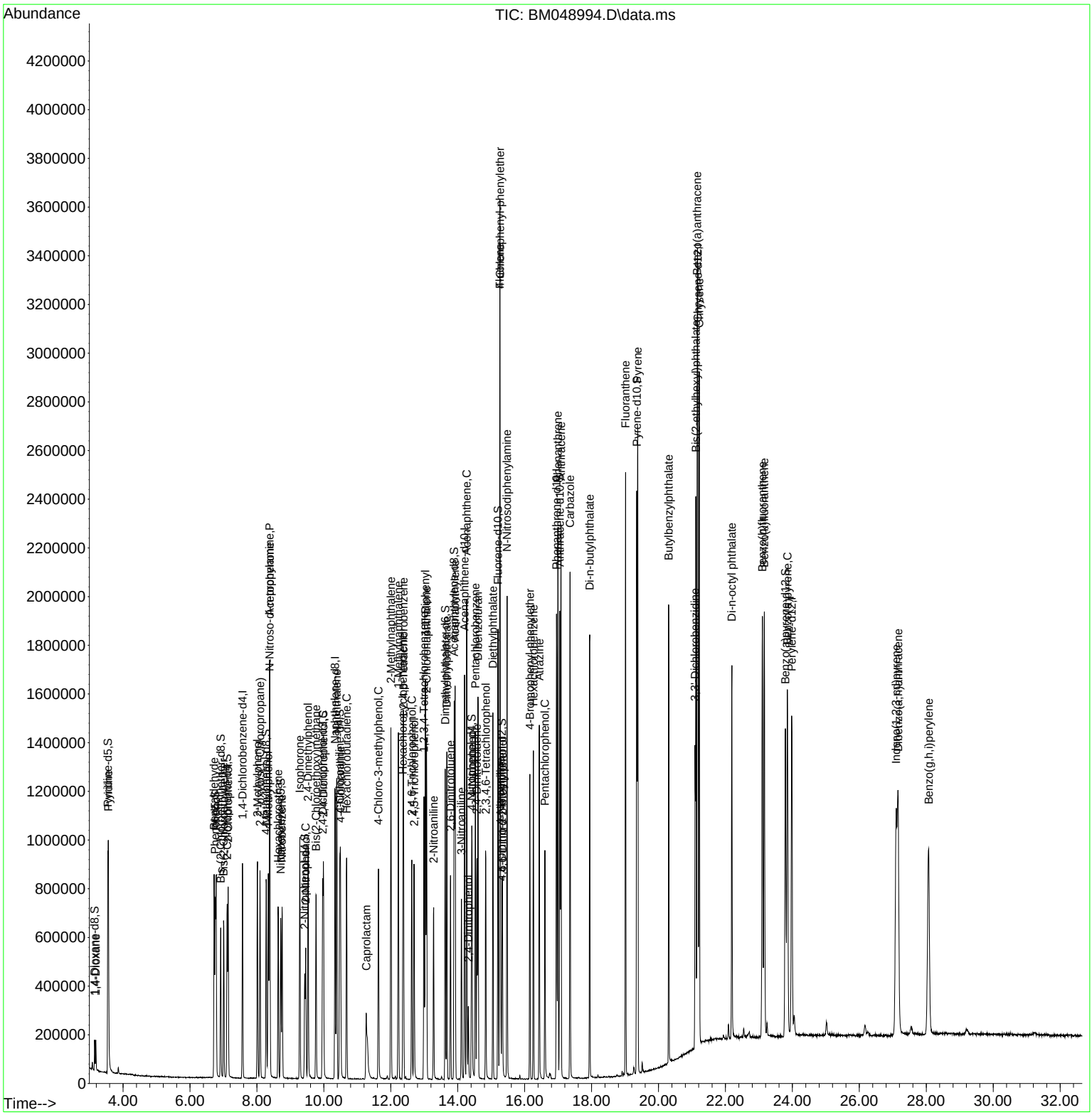
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