Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090524\
Data File : BM047445.D
Acq On : 05 Sep 2024 13:03
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 09/06/2024
Supervised By :mohammad ahmed 09/07/2024

Quant Time: Sep 05 14:13:42 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM082624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 26 18:11:40 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.339	152	289935	20.000	ng		-0.01
21) Naphthalene-d8	10.092	136	1122077	20.000	ng		-0.01
39) Acenaphthene-d10	14.004	164	796887	20.000	ng		0.00
64) Phenanthrene-d10	16.774	188	1739211	20.000	ng		0.00
76) Chrysene-d12	21.021	240	1509916	20.000	ng		0.00
86) Perylene-d12	23.721	264	1510265	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.004	112	1258413	83.272	ng		0.00
7) Phenol-d6	6.569	99	1693411	82.257	ng		0.00
23) Nitrobenzene-d5	8.498	82	1624052	80.308	ng		0.00
42) 2,4,6-Tribromophenol	15.521	330	829917	86.321	ng		0.00
45) 2-Fluorobiphenyl	12.610	172	4232004	81.598	ng		0.00
79) Terphenyl-d14	19.445	244	6689147	78.855	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.016	88	231009	37.346	ng		99
3) Pyridine	3.393	79	656124	38.219	ng		99
4) n-Nitrosodimethylamine	3.316	42	255874	36.596	ng		99
6) Aniline	6.692	93	735374	39.440	ng		99
8) 2-Chlorophenol	6.922	128	692298	40.929	ng		98
9) Benzaldehyde	6.510	77	456104	43.886	ng		99
10) Phenol	6.598	94	834033	41.178	ng		98
11) bis(2-Chloroethyl)ether	6.792	93	666643	37.980	ng		100
12) 1,3-Dichlorobenzene	7.228	146	844050	40.807	ng		99
13) 1,4-Dichlorobenzene	7.375	146	851308	40.640	ng		98
14) 1,2-Dichlorobenzene	7.681	146	813250	40.967	ng		100
15) Benzyl Alcohol	7.604	79	595791m	41.744	ng		
16) 2,2'-oxybis(1-Chloropr...	7.875	45	768970	36.537	ng		98
17) 2-Methylphenol	7.816	107	572771	40.702	ng		99
18) Hexachloroethane	8.381	117	301486	38.501	ng		97
19) n-Nitroso-di-n-propyla...	8.151	70	538029	38.019	ng		98
20) 3+4-Methylphenols	8.145	107	793017	40.531	ng		93
22) Acetophenone	8.163	105	1062468	40.800	ng	#	97
24) Nitrobenzene	8.534	77	822015	39.522	ng		97
25) Isophorone	9.057	82	1536143	40.191	ng		98
26) 2-Nitrophenol	9.233	139	432342	42.260	ng		98
27) 2,4-Dimethylphenol	9.322	122	483671	41.884	ng		100
28) bis(2-Chloroethoxy)met...	9.539	93	918622	39.249	ng		99
29) 2,4-Dichlorophenol	9.781	162	761575	42.514	ng		98
30) 1,2,4-Trichlorobenzene	9.963	180	863195	41.719	ng		99
31) Naphthalene	10.145	128	2269604	41.413	ng		99
32) Benzoic acid	9.551	122	501287	36.353	ng		98
33) 4-Chloroaniline	10.286	127	840973	41.269	ng		99
34) Hexachlorobutadiene	10.416	225	550057	42.568	ng		100
35) Caprolactam	11.116	113	255122	43.964	ng		96
36) 4-Chloro-3-methylphenol	11.445	107	761186	41.843	ng		99
37) 2-Methylnaphthalene	11.774	142	1657345	41.475	ng		99
38) 1-Methylnaphthalene	11.998	142	1641072	41.524	ng		99
40) 1,2,4,5-Tetrachloroben...	12.157	216	981530	41.595	ng		99
41) Hexachlorocyclopentadiene	12.122	237	249201	33.461	ng		98
43) 2,4,6-Trichlorophenol	12.427	196	659270	40.755	ng		99

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44) 2,4,5-Trichlorophenol	12.522	196	733541	40.832	ng		98
46) 1,1'-Biphenyl	12.821	154	2250416	40.444	ng		100
47) 2-Chloronaphthalene	12.863	162	1759727	40.356	ng		99
48) 2-Nitroaniline	13.104	65	485303	39.732	ng		91
49) Acenaphthylene	13.721	152	2598634	41.004	ng		99
50) Dimethylphthalate	13.486	163	2276875	41.467	ng		99
51) 2,6-Dinitrotoluene	13.616	165	537454	42.040	ng		94
52) Acenaphthene	14.068	154	1647598	40.953	ng		99
53) 3-Nitroaniline	13.951	138	509439	43.184	ng		96
54) 2,4-Dinitrophenol	14.192	184	309774	39.346	ng		93
55) Dibenzofuran	14.410	168	2704257	41.732	ng		99
56) 4-Nitrophenol	14.339	139	302222	32.774	ng		97
57) 2,4-Dinitrotoluene	14.427	165	742689	44.877	ng	#	82
58) Fluorene	15.068	166	2178715	41.543	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.663	232	619854	42.007	ng		96
60) Diethylphthalate	14.868	149	2239287	41.344	ng		98
61) 4-Chlorophenyl-phenyle...	15.068	204	1159385	43.457	ng		95
62) 4-Nitroaniline	15.139	138	516514	47.331	ng		96
63) Azobenzene	15.368	77	1848450	39.191	ng		96
65) 4,6-Dinitro-2-methylph...	15.204	198	448350	42.001	ng		96
66) n-Nitrosodiphenylamine	15.298	169	1893848	39.795	ng		99
67) 4-Bromophenyl-phenylether	15.968	248	756433	41.227	ng		95
68) Hexachlorobenzene	16.080	284	858547	40.514	ng		97
69) Atrazine	16.274	200	555667	35.722	ng		98
70) Pentachlorophenol	16.445	266	523018	38.174	ng		99
71) Phenanthrene	16.815	178	3425446	40.555	ng		99
72) Anthracene	16.909	178	3410186	41.417	ng		100
73) Carbazole	17.198	167	3357115	42.489	ng		100
74) Di-n-butylphthalate	17.762	149	4006584	41.643	ng		99
75) Fluoranthene	18.856	202	4330611	43.666	ng		99
77) Benzidine	19.068	184	1184189	46.984	ng		99
78) Pyrene	19.221	202	4451408	38.438	ng		100
80) Butylbenzylphthalate	20.150	149	1815790	40.068	ng		99
81) Benzo(a)anthracene	21.003	228	3976294	40.382	ng		99
82) 3,3'-Dichlorobenzidine	20.944	252	1382607	41.742	ng		99
83) Chrysene	21.062	228	3719890	40.161	ng		99
84) Bis(2-ethylhexyl)phtha...	20.944	149	2535922	39.593	ng		99
85) Di-n-octyl phthalate	21.974	149	4322469	40.095	ng		99
87) Indeno(1,2,3-cd)pyrene	26.744	276	3497678	36.996	ng		98
88) Benzo(b)fluoranthene	22.880	252	3855323	43.755	ng		99
89) Benzo(k)fluoranthene	22.938	252	3546797	42.463	ng		99
90) Benzo(a)pyrene	23.603	252	3166876	41.561	ng		99
91) Dibenzo(a,h)anthracene	26.779	278	2881942	37.628	ng		99
92) Benzo(g,h,i)perylene	27.679	276	2827724	35.513	ng		99

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

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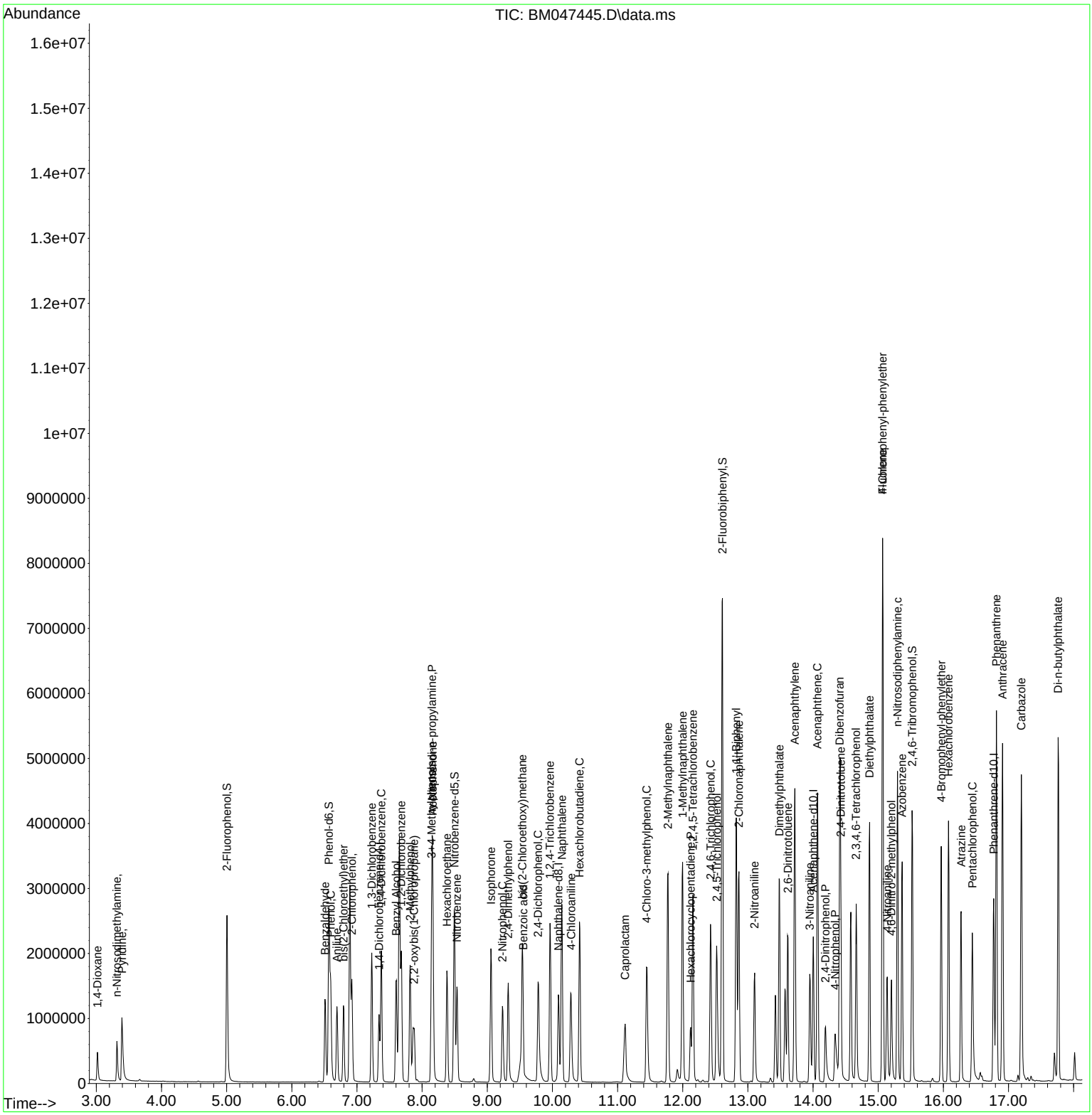

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