Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091724\
Data File : BM047538.D
Acq On : 17 Sep 2024 08:44
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 09/18/2024
Supervised By :mohammad ahmed 09/19/2024

Quant Time: Sep 18 01:19:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM091424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Sep 15 08:56:37 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.846	152	406356	20.000	ng		0.00
21) Naphthalene-d8	10.645	136	1782594	20.000	ng		0.00
39) Acenaphthene-d10	14.480	164	1026910	20.000	ng		0.00
64) Phenanthrene-d10	17.210	188	1928144	20.000	ng		0.00
76) Chrysene-d12	21.439	240	1591010	20.000	ng		0.00
86) Perylene-d12	24.462	264	1267338	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.422	112	2120084	83.071	ng		0.00
7) Phenol-d6	7.010	99	2991206	83.225	ng		0.00
23) Nitrobenzene-d5	9.004	82	2941249	82.575	ng		0.00
42) 2,4,6-Tribromophenol	15.963	330	804942	81.094	ng		0.00
45) 2-Fluorobiphenyl	13.104	172	6205430	83.241	ng		0.00
79) Terphenyl-d14	19.827	244	8728755	98.311	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.322	88	477553	43.687	ng		99
3) Pyridine	3.716	79	1366320m	41.991	ng		
4) n-Nitrosodimethylamine	3.628	42	623967	42.265	ng		94
6) Aniline	7.175	93	1282065	40.235	ng		98
8) 2-Chlorophenol	7.410	128	1128660	40.117	ng		97
9) Benzaldehyde	6.981	77	629863	36.856	ng		97
10) Phenol	7.034	94	1470442	40.860	ng		99
11) bis(2-Chloroethyl)ether	7.269	93	1187418	41.099	ng		98
12) 1,3-Dichlorobenzene	7.740	146	1226207	39.818	ng		98
13) 1,4-Dichlorobenzene	7.881	146	1255964	40.043	ng		99
14) 1,2-Dichlorobenzene	8.204	146	1227027	39.751	ng		100
15) Benzyl Alcohol	8.081	79	973415	39.983	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.375	45	1635630	40.245	ng		100
17) 2-Methylphenol	8.287	107	928457	40.385	ng		98
18) Hexachloroethane	8.934	117	517688	41.316	ng		96
19) n-Nitroso-di-n-propyla...	8.657	70	1015762	41.917	ng		98
20) 3+4-Methylphenols	8.616	107	1279943	39.900	ng		97
22) Acetophenone	8.669	105	1885843	40.240	ng	#	99
24) Nitrobenzene	9.045	77	1490660	40.727	ng		99
25) Isophorone	9.575	82	2521299	40.263	ng		100
26) 2-Nitrophenol	9.751	139	491031	39.370	ng		99
27) 2,4-Dimethylphenol	9.816	122	737834	39.025	ng		99
28) bis(2-Chloroethoxy)met...	10.051	93	1596289	40.583	ng		99
29) 2,4-Dichlorophenol	10.287	162	951215	39.600	ng		98
30) 1,2,4-Trichlorobenzene	10.504	180	1066677	38.767	ng		98
31) Naphthalene	10.692	128	3861576	40.110	ng		100
32) Benzoic acid	9.963	122	656756m	37.020	ng		
33) 4-Chloroaniline	10.798	127	1365281	39.223	ng		98
34) Hexachlorobutadiene	10.987	225	578142	37.936	ng		97
35) Caprolactam	11.581	113	324941	41.071	ng		99
36) 4-Chloro-3-methylphenol	11.916	107	1117759	40.605	ng		97
37) 2-Methylnaphthalene	12.304	142	2566446	40.053	ng		99
38) 1-Methylnaphthalene	12.522	142	2560248	40.207	ng		98
40) 1,2,4,5-Tetrachloroben...	12.669	216	1091254	39.271	ng		99
41) Hexachlorocyclopentadiene	12.657	237	358637	39.480	ng		99
43) 2,4,6-Trichlorophenol	12.910	196	691963	39.748	ng		99

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44) 2,4,5-Trichlorophenol	12.980	196	780800	39.709	ng		99
46) 1,1'-Biphenyl	13.316	154	3251861	40.700	ng		100
47) 2-Chloronaphthalene	13.357	162	2515431	40.545	ng		100
48) 2-Nitroaniline	13.551	65	774015	42.476	ng		100
49) Acenaphthylene	14.198	152	3651890	40.791	ng		100
50) Dimethylphthalate	13.939	163	2770604	39.584	ng		100
51) 2,6-Dinitrotoluene	14.045	165	607900	41.142	ng		94
52) Acenaphthene	14.545	154	2580837	41.142	ng		99
53) 3-Nitroaniline	14.375	138	697388	42.464	ng		97
54) 2,4-Dinitrophenol	14.575	184	242025	38.077	ng		98
55) Dibenzofuran	14.874	168	3543243	40.196	ng		98
56) 4-Nitrophenol	14.675	139	562161	41.597	ng		100
57) 2,4-Dinitrotoluene	14.833	165	828857	42.061	ng		98
58) Fluorene	15.522	166	3417641	43.064	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.098	232	601098	39.209	ng		96
60) Diethylphthalate	15.304	149	3053530	40.992	ng		100
61) 4-Chlorophenyl-phenyle...	15.522	204	1522368	41.953	ng		99
62) 4-Nitroaniline	15.533	138	853417	44.207	ng		96
63) Azobenzene	15.810	77	3575714	43.595	ng		98
65) 4,6-Dinitro-2-methylph...	15.592	198	336002	36.273	ng		96
66) n-Nitrosodiphenylamine	15.727	169	2392376	40.559	ng		98
67) 4-Bromophenyl-phenylether	16.410	248	745701	39.802	ng		99
68) Hexachlorobenzene	16.521	284	844204	39.775	ng		97
69) Atrazine	16.674	200	618435	37.933	ng		98
70) Pentachlorophenol	16.863	266	518043	42.106	ng		100
71) Phenanthrene	17.257	178	4372744	41.152	ng		100
72) Anthracene	17.345	178	4251468	41.644	ng		100
73) Carbazole	17.610	167	4194692	41.460	ng		100
74) Di-n-butylphthalate	18.186	149	5233038	43.229	ng		100
75) Fluoranthene	19.262	202	4812434	41.509	ng		98
77) Benzidine	19.439	184	1231824	54.974	ng		99
78) Pyrene	19.621	202	5135213	44.249	ng		100
80) Butylbenzylphthalate	20.521	149	1868405	41.823	ng		95
81) Benzo(a)anthracene	21.421	228	4289160	41.360	ng		100
82) 3,3'-Dichlorobenzidine	21.345	252	1168826	42.370	ng		100
83) Chrysene	21.486	228	3989419	40.672	ng		100
84) Bis(2-ethylhexyl)phtha...	21.356	149	3024225	43.213	ng		100
85) Di-n-octyl phthalate	22.503	149	4011417	40.522	ng		99
87) Indeno(1,2,3-cd)pyrene	27.885	276	3177877	41.900	ng	#	91
88) Benzo(b)fluoranthene	23.509	252	3406255	41.540	ng		99
89) Benzo(k)fluoranthene	23.574	252	3405341	41.903	ng		99
90) Benzo(a)pyrene	24.321	252	2794346	41.578	ng		98
91) Dibenzo(a,h)anthracene	27.944	278	2657723	41.650	ng		99
92) Benzo(g,h,i)perylene	28.956	276	2613038	41.921	ng		100

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

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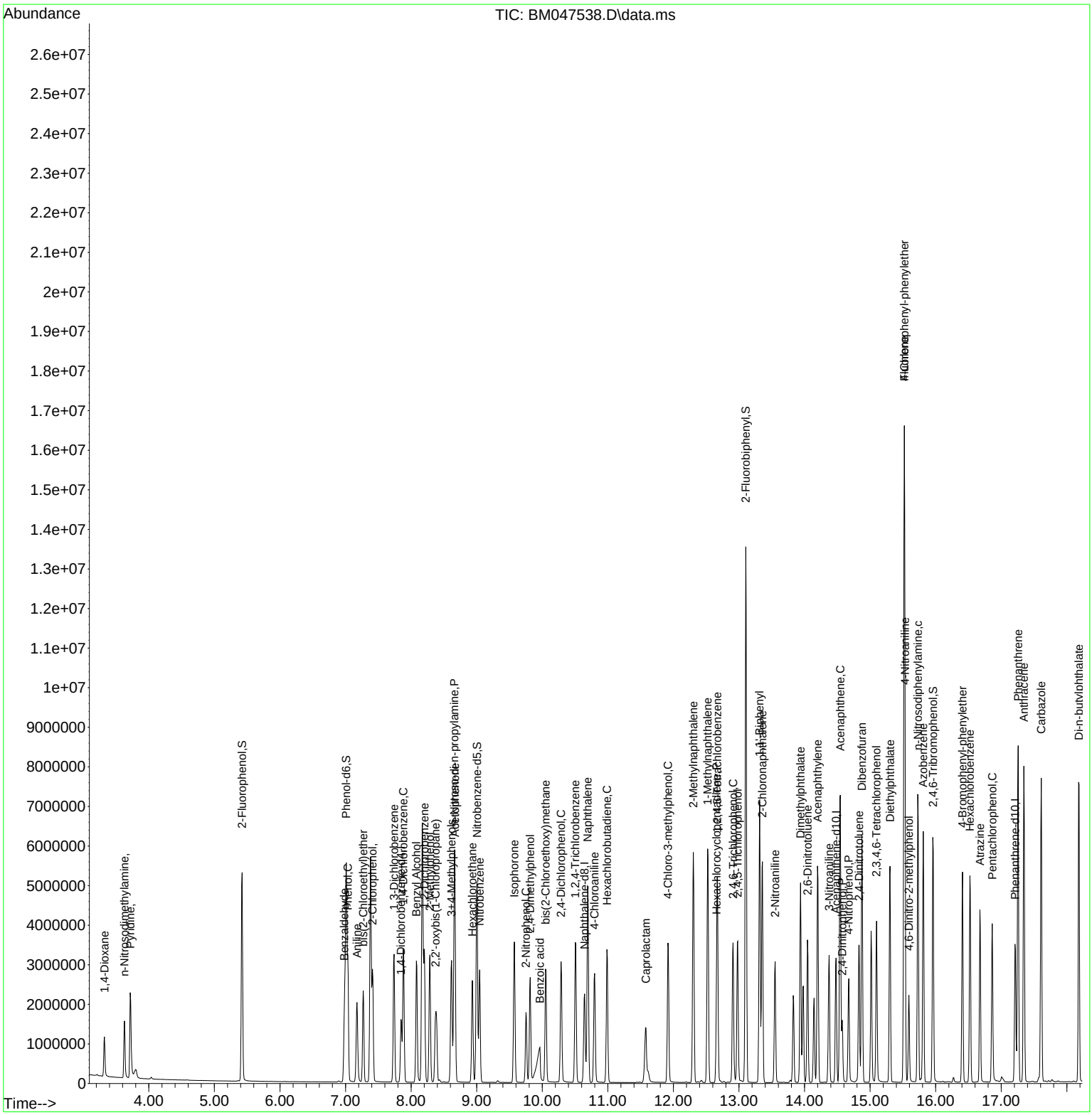

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