Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091624\
Data File : BM047533.D
Acq On : 16 Sep 2024 10:16
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 16 11:33:47 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

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 09/17/2024
Supervised By :mohammad ahmed 09/17/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.851	152	392657	20.000	ng		0.00
21) Naphthalene-d8	10.645	136	1713353	20.000	ng		0.00
39) Acenaphthene-d10	14.480	164	1011168	20.000	ng		0.00
64) Phenanthrene-d10	17.215	188	1938186	20.000	ng		0.00
76) Chrysene-d12	21.439	240	1774639	20.000	ng		0.00
86) Perylene-d12	24.468	264	1492872	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.422	112	1966825	79.754	ng		0.00
7) Phenol-d6	7.010	99	2817756	81.134	ng		0.00
23) Nitrobenzene-d5	9.004	82	2776970	81.114	ng		0.00
42) 2,4,6-Tribromophenol	15.963	330	795722	81.414	ng		0.00
45) 2-Fluorobiphenyl	13.110	172	5995667	81.679	ng		0.00
79) Terphenyl-d14	19.833	244	8815218	89.012	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.322	88	425598	40.292	ng		100
3) Pyridine	3.716	79	1272713m	40.479	ng		
4) n-Nitrosodimethylamine	3.622	42	566596	39.718	ng		100
6) Aniline	7.175	93	1247553	40.518	ng		99
8) 2-Chlorophenol	7.416	128	1081491	39.781	ng		99
9) Benzaldehyde	6.981	77	620037	37.547	ng		100
10) Phenol	7.034	94	1401549	40.304	ng		97
11) bis(2-Chloroethyl)ether	7.269	93	1129567	40.460	ng		99
12) 1,3-Dichlorobenzene	7.739	146	1169839	39.313	ng		100
13) 1,4-Dichlorobenzene	7.887	146	1189026	39.231	ng		99
14) 1,2-Dichlorobenzene	8.204	146	1173597	39.346	ng		99
15) Benzyl Alcohol	8.081	79	942934	40.082	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.375	45	1564489m	39.838	ng		
17) 2-Methylphenol	8.287	107	895293	40.301	ng		100
18) Hexachloroethane	8.934	117	470922	38.895	ng		97
19) n-Nitroso-di-n-propyla...	8.657	70	971047	41.470	ng		98
20) 3+4-Methylphenols	8.616	107	1238167	39.944	ng		98
22) Acetophenone	8.669	105	1794602	39.840	ng	#	99
24) Nitrobenzene	9.045	77	1414113	40.197	ng		99
25) Isophorone	9.575	82	2445747	40.635	ng		99
26) 2-Nitrophenol	9.757	139	468784	39.105	ng		95
27) 2,4-Dimethylphenol	9.816	122	714999	39.346	ng		99
28) bis(2-Chloroethoxy)met...	10.051	93	1526369	40.374	ng		99
29) 2,4-Dichlorophenol	10.286	162	931608	40.351	ng		98
30) 1,2,4-Trichlorobenzene	10.510	180	1039982	39.325	ng		98
31) Naphthalene	10.698	128	3671741	39.680	ng		100
32) Benzoic acid	9.957	122	639811	37.431	ng		98
33) 4-Chloroaniline	10.798	127	1357054	40.562	ng		99
34) Hexachlorobutadiene	10.992	225	563700	38.483	ng		99
35) Caprolactam	11.575	113	330988	43.526	ng		99
36) 4-Chloro-3-methylphenol	11.922	107	1090907	41.231	ng		100
37) 2-Methylnaphthalene	12.304	142	2475867	40.201	ng		100
38) 1-Methylnaphthalene	12.522	142	2467751	40.320	ng		98
40) 1,2,4,5-Tetrachloroben...	12.674	216	1076240	39.334	ng		99
41) Hexachlorocyclopentadiene	12.663	237	341444	38.172	ng		99
43) 2,4,6-Trichlorophenol	12.910	196	686103	40.025	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.980	196	779520	40.261	ng	99
46) 1,1'-Biphenyl	13.316	154	3142735	39.946	ng	100
47) 2-Chloronaphthalene	13.357	162	2430739	39.790	ng	100
48) 2-Nitroaniline	13.551	65	744520	41.494	ng	98
49) Acenaphthylene	14.204	152	3579429	40.604	ng	99
50) Dimethylphthalate	13.939	163	2754152	39.962	ng	100
51) 2,6-Dinitrotoluene	14.045	165	604541	41.552	ng	96
52) Acenaphthene	14.545	154	2507411	40.594	ng	98
53) 3-Nitroaniline	14.374	138	685657	42.399	ng	98
54) 2,4-Dinitrophenol	14.574	184	229497	36.995	ng	97
55) Dibenzofuran	14.880	168	3479384	40.086	ng	100
56) 4-Nitrophenol	14.674	139	562593	42.277	ng	98
57) 2,4-Dinitrotoluene	14.833	165	827965	42.670	ng	99
58) Fluorene	15.521	166	3265674	41.789	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.098	232	609295	40.362	ng	99
60) Diethylphthalate	15.304	149	3010648	41.046	ng	100
61) 4-Chlorophenyl-phenyle...	15.521	204	1468624	41.102	ng	99
62) 4-Nitroaniline	15.533	138	850755	44.755	ng	100
63) Azobenzene	15.810	77	3372126	41.753	ng	99
65) 4,6-Dinitro-2-methylph...	15.592	198	325945	35.256	ng	97
66) n-Nitrosodiphenylamine	15.733	169	2399617	40.470	ng	100
67) 4-Bromophenyl-phenylether	16.410	248	753760	40.024	ng	99
68) Hexachlorobenzene	16.527	284	839063	39.328	ng	99
69) Atrazine	16.680	200	667580	40.736	ng	99
70) Pentachlorophenol	16.862	266	526090	42.539	ng	100
71) Phenanthrene	17.257	178	4337018	40.604	ng	100
72) Anthracene	17.345	178	4239587	41.313	ng	100
73) Carbazole	17.609	167	4241425	41.705	ng	100
74) Di-n-butylphthalate	18.186	149	5213752	42.846	ng	100
75) Fluoranthene	19.262	202	4981453	42.745	ng	99
77) Benzidine	19.445	184	1456310	58.267	ng	98
78) Pyrene	19.627	202	5293066	40.890	ng	100
80) Butylbenzylphthalate	20.521	149	2019210	40.521	ng	96
81) Benzo(a)anthracene	21.421	228	4702559	40.654	ng	100
82) 3,3'-Dichlorobenzidine	21.345	252	1373888	44.650	ng	100
83) Chrysene	21.486	228	4430374	40.493	ng	100
84) Bis(2-ethylhexyl)phtha...	21.356	149	3302911	42.311	ng	99
85) Di-n-octyl phthalate	22.503	149	4665412	42.252	ng	100
87) Indeno(1,2,3-cd)pyrene	27.891	276	3541214	39.637	ng	100
88) Benzo(b)fluoranthene	23.515	252	4056932	42.001	ng	99
89) Benzo(k)fluoranthene	23.574	252	3953235	41.296	ng	99
90) Benzo(a)pyrene	24.327	252	3260773	41.189	ng	99
91) Dibenzo(a,h)anthracene	27.956	278	2953963	39.299	ng	99
92) Benzo(g,h,i)perylene	28.962	276	2871861	39.113	ng	99

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

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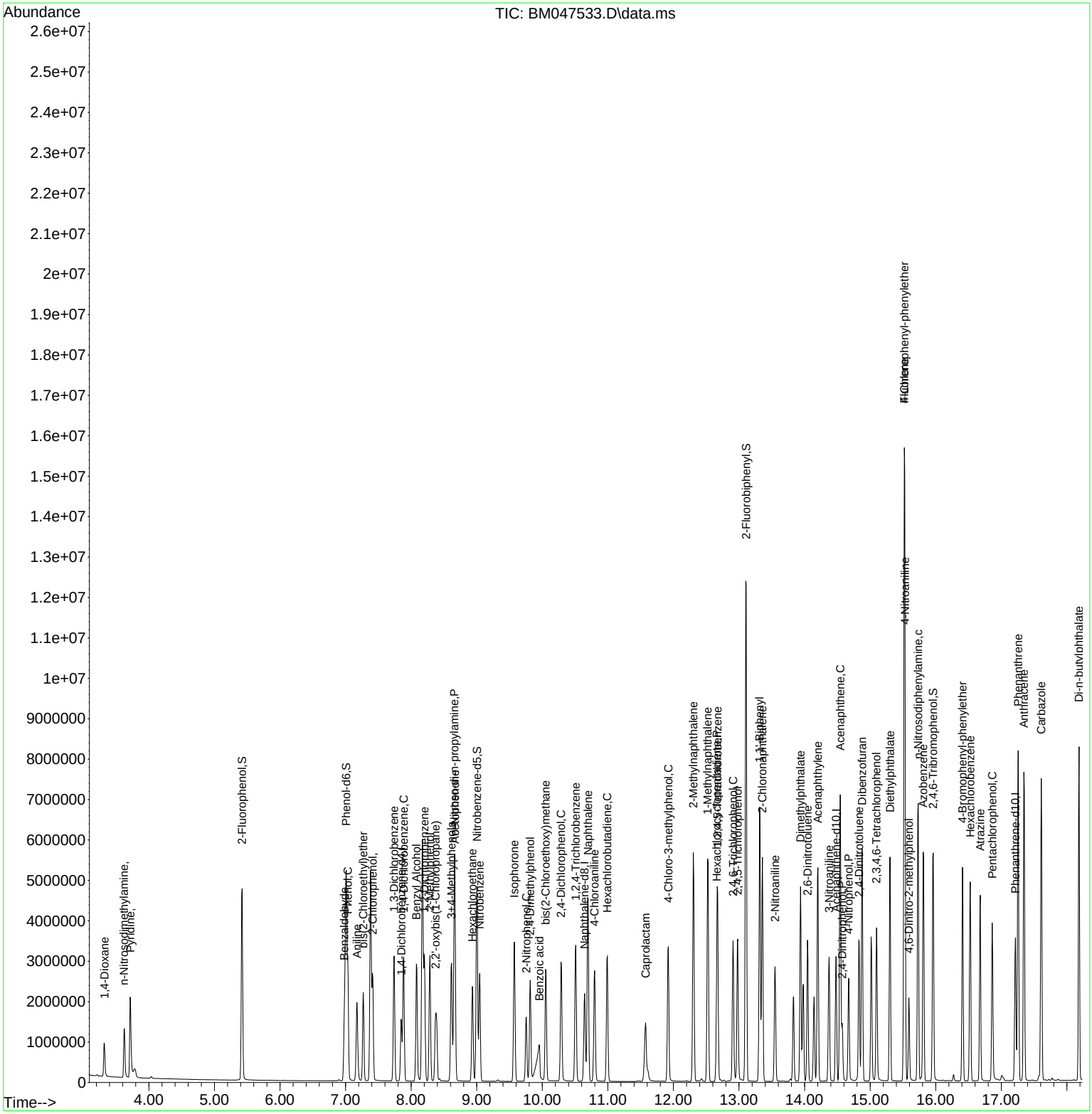

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