Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082324\
Data File : BM047342.D
Acq On : 23 Aug 2024 20:47
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Quant Time: Aug 24 00:42:32 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Aug 11 23:47:58 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.351	152	352992	20.000	ng		-0.02
21) Naphthalene-d8	10.110	136	1283025	20.000	ng		-0.02
39) Acenaphthene-d10	14.016	164	836322	20.000	ng		-0.02
64) Phenanthrene-d10	16.780	188	1604509	20.000	ng		-0.01
76) Chrysene-d12	21.021	240	944113	20.000	ng		-0.01
86) Perylene-d12	23.715	264	1112925	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.010	112	1455730	73.689	ng		-0.01
7) Phenol-d6	6.575	99	1923223	70.653	ng		-0.01
23) Nitrobenzene-d5	8.504	82	1879412	73.759	ng		-0.02
42) 2,4,6-Tribromophenol	15.527	330	811587	83.692	ng		-0.01
45) 2-Fluorobiphenyl	12.622	172	4473778	82.515	ng		-0.02
79) Terphenyl-d14	19.451	244	5017187	113.870	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.028	88	280318	34.247	ng		95
3) Pyridine	3.405	79	765584	31.896	ng		95
4) n-Nitrosodimethylamine	3.322	42	321390	30.648	ng		96
6) Aniline	6.704	93	874578	33.992	ng		98
8) 2-Chlorophenol	6.934	128	807537	37.479	ng		97
9) Benzaldehyde	6.522	77	605935	44.435	ng		98
10) Phenol	6.604	94	954920	35.157	ng		97
11) bis(2-Chloroethyl)ether	6.810	93	804811	34.600	ng		97
12) 1,3-Dichlorobenzene	7.240	146	1016476	39.700	ng		98
13) 1,4-Dichlorobenzene	7.387	146	1024274	39.512	ng		99
14) 1,2-Dichlorobenzene	7.698	146	954275	39.014	ng		99
15) Benzyl Alcohol	7.610	79	679389	35.069	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.893	45	963765	32.289	ng		97
17) 2-Methylphenol	7.822	107	658555	36.343	ng		98
18) Hexachloroethane	8.398	117	341065	33.965	ng		95
19) n-Nitroso-di-n-propyla...	8.169	70	596485	32.532	ng		96
20) 3+4-Methylphenols	8.151	107	909543	35.903	ng		97
22) Acetophenone	8.175	105	1186836	38.322	ng		98
24) Nitrobenzene	8.545	77	962252	37.504	ng		96
25) Isophorone	9.069	82	1688422	38.057	ng		99
26) 2-Nitrophenol	9.245	139	470425	41.401	ng		94
27) 2,4-Dimethylphenol	9.328	122	541786	40.705	ng		98
28) bis(2-Chloroethoxy)met...	9.551	93	1044208	37.405	ng		99
29) 2,4-Dichlorophenol	9.781	162	880134	44.565	ng		98
30) 1,2,4-Trichlorobenzene	9.981	180	1012476	45.301	ng		99
31) Naphthalene	10.157	128	2587623	40.485	ng		99
32) Benzoic acid	9.540	122	651263	42.115	ng		97
33) 4-Chloroaniline	10.287	127	944504	38.427	ng		99
34) Hexachlorobutadiene	10.439	225	651628	49.813	ng		100
35) Caprolactam	11.110	113	261850	38.179	ng		88
36) 4-Chloro-3-methylphenol	11.445	107	834636	39.682	ng		100
37) 2-Methylnaphthalene	11.786	142	1843925	40.519	ng		98
38) 1-Methylnaphthalene	12.010	142	1801447	40.054	ng		99
40) 1,2,4,5-Tetrachloroben...	12.169	216	1088137	47.702	ng	#	98
41) Hexachlorocyclopentadiene	12.139	237	49338	6.194	ng		97
43) 2,4,6-Trichlorophenol	12.433	196	732049	45.151	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.516	196	810538	45.025	ng	97
46) 1,1'-Biphenyl	12.833	154	2411684	40.506	ng	99
47) 2-Chloronaphthalene	12.875	162	1888135	40.574	ng	97
48) 2-Nitroaniline	13.104	65	544680	37.361	ng	94
49) Acenaphthylene	13.733	152	2743845	40.000	ng	100
50) Dimethylphthalate	13.498	163	2315638	39.645	ng	99
51) 2,6-Dinitrotoluene	13.616	165	547539	40.101	ng	90
52) Acenaphthene	14.080	154	1729931	39.757	ng	99
53) 3-Nitroaniline	13.951	138	536127	39.185	ng	97
54) 2,4-Dinitrophenol	14.180	184	41071	5.019	ng	93
55) Dibenzofuran	14.422	168	2754197	40.073	ng	98
56) 4-Nitrophenol	14.310	139	396989	33.649	ng	98
57) 2,4-Dinitrotoluene	14.422	165	697113	38.251	ng	96
58) Fluorene	15.080	166	2208168	38.938	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.669	232	639862	43.249	ng	92
60) Diethylphthalate	14.880	149	2290341	38.399	ng	98
61) 4-Chlorophenyl-phenyle...	15.080	204	1142131	42.304	ng	95
62) 4-Nitroaniline	15.127	138	498562	36.988	ng	92
63) Azobenzene	15.380	77	1973105	34.888	ng	93
65) 4,6-Dinitro-2-methylph...	15.198	198	75914	8.081	ng	87
66) n-Nitrosodiphenylamine	15.304	169	1891240	43.275	ng	98
67) 4-Bromophenyl-phenylether	15.980	248	726279	46.974	ng	96
68) Hexachlorobenzene	16.086	284	825843	44.598	ng	95
69) Atrazine	16.280	200	556314	42.302	ng	98
70) Pentachlorophenol	16.445	266	531642	40.958	ng	99
71) Phenanthrene	16.821	178	3170485	39.373	ng	100
72) Anthracene	16.915	178	3173892	40.509	ng	100
73) Carbazole	17.198	167	3010609	37.633	ng	99
74) Di-n-butylphthalate	17.774	149	3800631	40.830	ng	100
75) Fluoranthene	18.857	202	3369504	34.403	ng	99
77) Benzidine	19.068	184	951198	59.410	ng	99
78) Pyrene	19.227	202	3322947	49.293	ng	99
80) Butylbenzylphthalate	20.162	149	1378326	50.101	ng	94
81) Benzo(a)anthracene	21.003	228	2543061	40.575	ng	100
82) 3,3'-Dichlorobenzidine	20.945	252	943039	48.090	ng	99
83) Chrysene	21.062	228	2400311	40.365	ng	100
84) Bis(2-ethylhexyl)phtha...	20.956	149	1818051	46.599	ng	98
85) Di-n-octyl phthalate	21.986	149	2997243	45.197	ng	97
87) Indeno(1,2,3-cd)pyrene	26.721	276	2979424	41.417	ng	97
88) Benzo(b)fluoranthene	22.874	252	2590663	39.198	ng	99
89) Benzo(k)fluoranthene	22.933	252	2467727	39.530	ng	99
90) Benzo(a)pyrene	23.592	252	2308279	40.317	ng	99
91) Dibenzo(a,h)anthracene	26.762	278	2406561	41.338	ng	99
92) Benzo(g,h,i)perylene	27.650	276	2532975	41.906	ng	98

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

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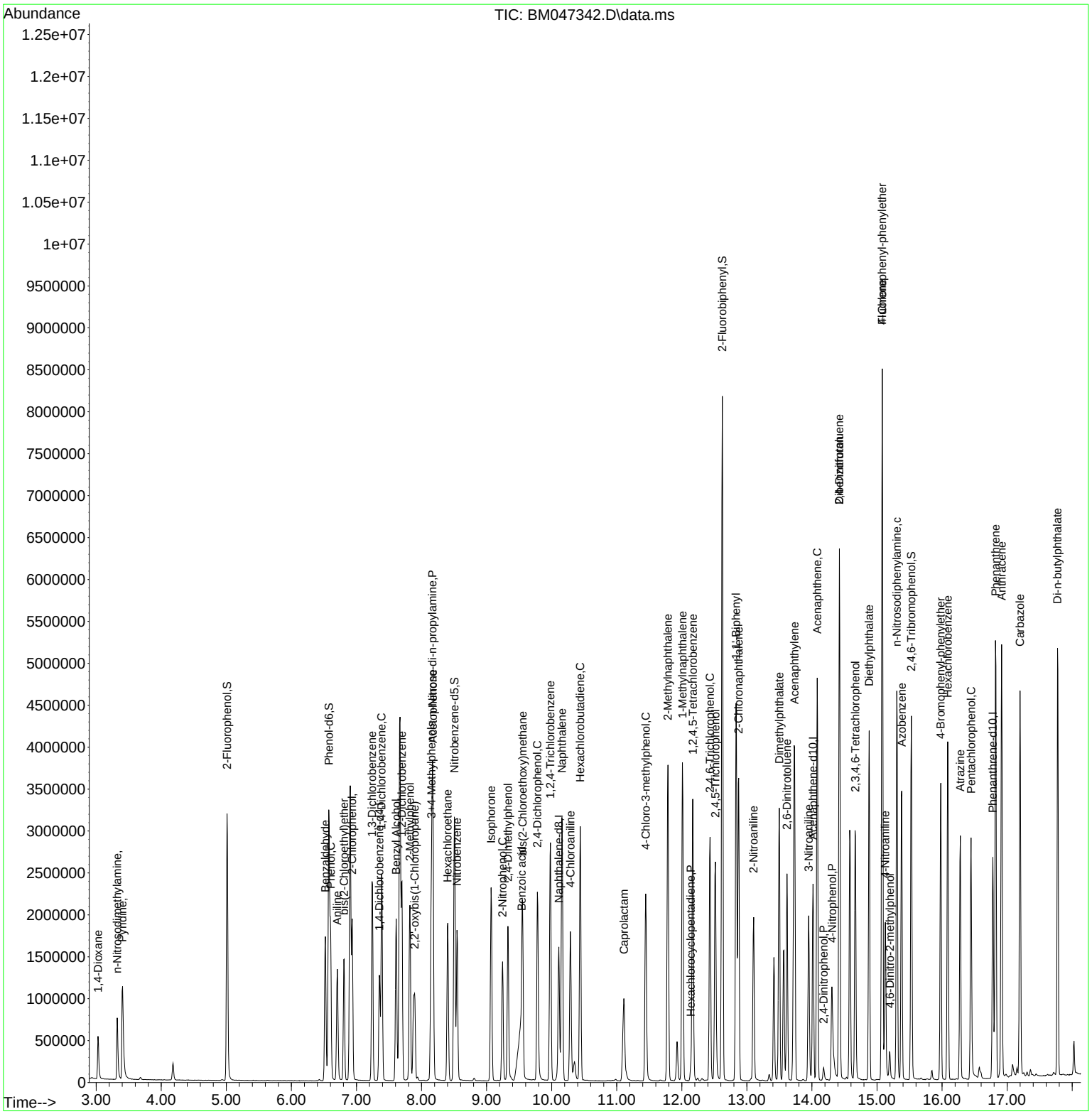

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