Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081624\
Data File : BM047227.D
Acq On : 16 Aug 2024 09:47
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Quant Time: Aug 16 11:27:50 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	7.363	152	320365	20.000	ng	-0.01
21) Naphthalene-d8	10.122	136	1279919	20.000	ng	-0.01
39) Acenaphthene-d10	14.022	164	851572	20.000	ng	-0.01
64) Phenanthrene-d10	16.786	188	1725328	20.000	ng	0.00
76) Chrysene-d12	21.027	240	1180669	20.000	ng	0.00
86) Perylene-d12	23.721	264	1154159	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.016	112	1374310	76.652	ng	0.00
7) Phenol-d6	6.581	99	1915825	77.549	ng	0.00
23) Nitrobenzene-d5	8.510	82	1952117	76.798	ng	-0.01
42) 2,4,6-Tribromophenol	15.533	330	819585	83.003	ng	0.00
45) 2-Fluorobiphenyl	12.633	172	4588777	83.121	ng	-0.01
79) Terphenyl-d14	19.451	244	5458357	99.062	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.034	88	272627	36.699	ng	97
3) Pyridine	3.405	79	777439	35.689	ng	98
4) n-Nitrosodimethylamine	3.322	42	332873	34.976	ng	98
6) Aniline	6.710	93	907448	38.862	ng	99
8) 2-Chlorophenol	6.940	128	765846	39.164	ng	99
9) Benzaldehyde	6.528	77	500709	37.771	ng	99
10) Phenol	6.604	94	939076	38.095	ng	98
11) bis(2-Chloroethyl)ether	6.816	93	815843	38.646	ng	98
12) 1,3-Dichlorobenzene	7.251	146	931075	40.068	ng	98
13) 1,4-Dichlorobenzene	7.398	146	936915	39.822	ng	99
14) 1,2-Dichlorobenzene	7.704	146	871721	39.269	ng	99
15) Benzyl Alcohol	7.616	79	685986	39.015	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.898	45	1015299m	37.480	ng	
17) 2-Methylphenol	7.822	107	652606	39.682	ng	99
18) Hexachloroethane	8.416	117	358298	39.315	ng	94
19) n-Nitroso-di-n-propyla...	8.175	70	635728	38.203	ng	99
20) 3+4-Methylphenols	8.151	107	907447	39.469	ng	98
22) Acetophenone	8.187	105	1199769	38.834	ng	98
24) Nitrobenzene	8.551	77	986964	38.560	ng	99
25) Isophorone	9.081	82	1800001	40.670	ng	98
26) 2-Nitrophenol	9.251	139	488090	43.059	ng	96
27) 2,4-Dimethylphenol	9.334	122	551669	41.548	ng	99
28) bis(2-Chloroethoxy)met...	9.563	93	1125805	40.426	ng	99
29) 2,4-Dichlorophenol	9.787	162	850098	43.149	ng	99
30) 1,2,4-Trichlorobenzene	9.986	180	947817	42.511	ng	99
31) Naphthalene	10.169	128	2520814	39.535	ng	99
32) Benzoic acid	9.522	122	646497	41.908	ng	99
33) 4-Chloroaniline	10.292	127	986145	40.219	ng	99
34) Hexachlorobutadiene	10.451	225	583057	44.679	ng	99
35) Caprolactam	11.110	113	275963	40.334	ng	94
36) 4-Chloro-3-methylphenol	11.445	107	857356	40.862	ng	99
37) 2-Methylnaphthalene	11.792	142	1842042	40.575	ng	99
38) 1-Methylnaphthalene	12.022	142	1807305	40.281	ng	97
40) 1,2,4,5-Tetrachloroben...	12.175	216	1021310	43.971	ng	99
41) Hexachlorocyclopentadiene	12.151	237	323600	39.898	ng	99
43) 2,4,6-Trichlorophenol	12.439	196	719611	43.589	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.510	196	800698	43.682	ng	97
46) 1,1'-Biphenyl	12.845	154	2429580	40.076	ng	99
47) 2-Chloronaphthalene	12.880	162	1873399	39.536	ng	98
48) 2-Nitroaniline	13.104	65	568582	38.302	ng	99
49) Acenaphthylene	13.739	152	2770536	39.666	ng	100
50) Dimethylphthalate	13.504	163	2390862	40.200	ng	99
51) 2,6-Dinitrotoluene	13.622	165	572065	41.147	ng	92
52) Acenaphthene	14.092	154	1745015	39.386	ng	99
53) 3-Nitroaniline	13.951	138	543828	39.036	ng	100
54) 2,4-Dinitrophenol	14.169	184	306720	36.809	ng	96
55) Dibenzofuran	14.427	168	2763589	39.489	ng	99
56) 4-Nitrophenol	14.292	139	454044	37.796	ng	98
57) 2,4-Dinitrotoluene	14.421	165	741841	39.976	ng	98
58) Fluorene	15.086	166	2272405	39.353	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.669	232	645427	42.844	ng	95
60) Diethylphthalate	14.886	149	2412883	39.729	ng	99
61) 4-Chlorophenyl-phenyle...	15.092	204	1130120	41.110	ng	96
62) 4-Nitroaniline	15.127	138	513157	37.389	ng	96
63) Azobenzene	15.386	77	2140469	37.170	ng	96
65) 4,6-Dinitro-2-methylph...	15.192	198	423113	41.886	ng	94
66) n-Nitrosodiphenylamine	15.316	169	1941173	41.307	ng	99
67) 4-Bromophenyl-phenylether	15.986	248	730196	43.920	ng	99
68) Hexachlorobenzene	16.092	284	841717	42.273	ng	97
69) Atrazine	16.286	200	636479	45.009	ng	99
70) Pentachlorophenol	16.445	266	593697	42.535	ng	98
71) Phenanthrene	16.827	178	3392146	39.176	ng	100
72) Anthracene	16.921	178	3369646	39.995	ng	100
73) Carbazole	17.204	167	3261704	37.917	ng	99
74) Di-n-butylphthalate	17.786	149	4143068	41.392	ng	99
75) Fluoranthene	18.862	202	3946885	37.476	ng	100
77) Benzidine	19.068	184	1501648	74.999	ng	99
78) Pyrene	19.233	202	4023136	47.722	ng	99
80) Butylbenzylphthalate	20.168	149	1725743	50.161	ng	99
81) Benzo(a)anthracene	21.009	228	3172040	40.470	ng	100
82) 3,3'-Dichlorobenzidine	20.950	252	1054429	42.997	ng	99
83) Chrysene	21.068	228	2941423	39.554	ng	100
84) Bis(2-ethylhexyl)phtha...	20.968	149	2379167	48.763	ng	99
85) Di-n-octyl phthalate	22.003	149	3784473	45.634	ng	99
87) Indeno(1,2,3-cd)pyrene	26.715	276	2995609	40.154	ng	99
88) Benzo(b)fluoranthene	22.880	252	2843743	41.490	ng	99
89) Benzo(k)fluoranthene	22.933	252	2647370	40.892	ng	100
90) Benzo(a)pyrene	23.597	252	2418383	40.731	ng	99
91) Dibenzo(a,h)anthracene	26.762	278	2423078	40.135	ng	99
92) Benzo(g,h,i)perylene	27.644	276	2555712	40.772	ng	99

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

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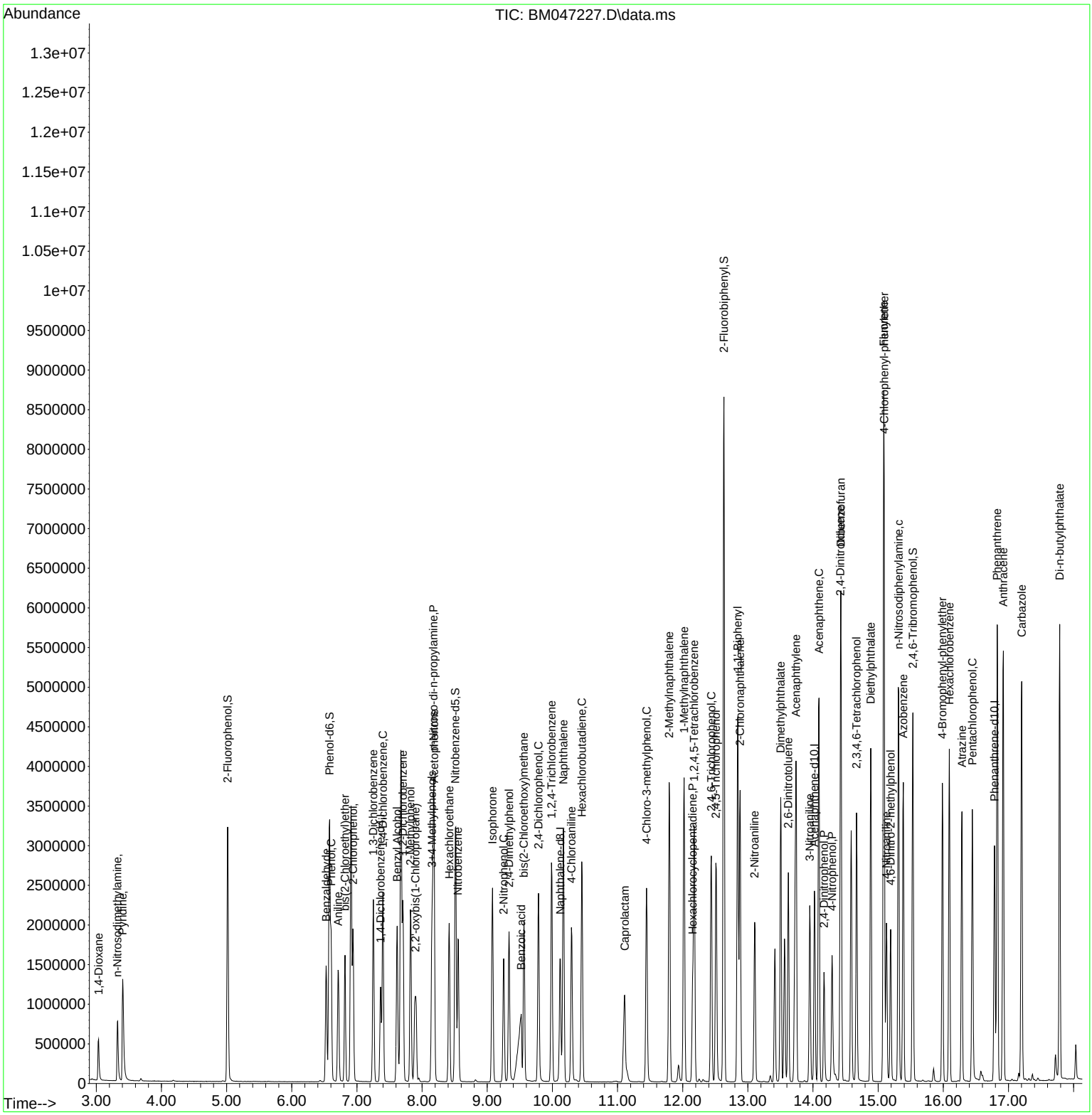

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