Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041525\
Data File : BM049927.D
Acq On : 15 Apr 2025 09:57
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Quant Time: Apr 15 11:52:09 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 09 04:00:55 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	365870	20.000	ng	0.00
21) Naphthalene-d8	10.569	136	1255531	20.000	ng	0.00
39) Acenaphthene-d10	14.416	164	819029	20.000	ng	0.00
64) Phenanthrene-d10	17.162	188	1616243	20.000	ng	0.00
76) Chrysene-d12	21.398	240	1559752	20.000	ng	0.00
86) Perylene-d12	24.403	264	1639521	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.363	112	1628659	75.589	ng	0.00
7) Phenol-d6	6.951	99	2055412	76.673	ng	0.00
23) Nitrobenzene-d5	8.928	82	1748486	77.549	ng	0.00
42) 2,4,6-Tribromophenol	15.910	330	940902	78.981	ng	0.00
45) 2-Fluorobiphenyl	13.033	172	4683416	77.540	ng	-0.01
79) Terphenyl-d14	19.786	244	7302377	87.738	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.263	88	328999	37.077	ng	99
3) Pyridine	3.663	79	859873	36.883	ng	99
4) n-Nitrosodimethylamine	3.569	42	335645	37.831	ng	97
6) Aniline	7.104	93	810141	35.269	ng	100
8) 2-Chlorophenol	7.345	128	842105	38.138	ng	99
9) Benzaldehyde	6.910	77	1148306	83.473	ng	99
10) Phenol	6.981	94	991755	37.911	ng	99
11) bis(2-Chloroethyl)ether	7.198	93	832725	40.592	ng	98
12) 1,3-Dichlorobenzene	7.663	146	987780	37.838	ng	99
13) 1,4-Dichlorobenzene	7.810	146	997824	37.987	ng	99
14) 1,2-Dichlorobenzene	8.122	146	946325	38.249	ng	98
15) Benzyl Alcohol	8.016	79	636102	37.682	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.298	45	895471	39.163	ng	99
17) 2-Methylphenol	8.228	107	621482	38.551	ng	98
18) Hexachloroethane	8.851	117	342765	37.507	ng	98
19) n-Nitroso-di-n-propyla...	8.581	70	589219	39.685	ng	99
20) 3+4-Methylphenols	8.551	107	847815	38.575	ng	98
22) Acetophenone	8.592	105	1177361	38.585	ng	99
24) Nitrobenzene	8.969	77	837524	38.577	ng	99
25) Isophorone	9.498	82	1499490	39.700	ng	100
26) 2-Nitrophenol	9.681	139	459258	39.911	ng	99
27) 2,4-Dimethylphenol	9.751	122	511709	39.239	ng	99
28) bis(2-Chloroethoxy)met...	9.975	93	992615	39.255	ng	99
29) 2,4-Dichlorophenol	10.228	162	845753	39.016	ng	100
30) 1,2,4-Trichlorobenzene	10.434	180	969804	38.673	ng	99
31) Naphthalene	10.616	128	2478022	38.411	ng	99
32) Benzoic acid	9.898	122	514059	34.684	ng	99
33) 4-Chloroaniline	10.733	127	848000	37.224	ng	98
34) Hexachlorobutadiene	10.904	225	611683	39.433	ng	99
35) Caprolactam	11.516	113	235430	37.867	ng	97
36) 4-Chloro-3-methylphenol	11.869	107	749640	39.480	ng	99
37) 2-Methylnaphthalene	12.233	142	1779081	39.140	ng	99
38) 1-Methylnaphthalene	12.451	142	1727191	39.003	ng	100
40) 1,2,4,5-Tetrachloroben...	12.604	216	1106884	38.630	ng	99
41) Hexachlorocyclopentadiene	12.586	237	357999	35.656	ng	97
43) 2,4,6-Trichlorophenol	12.851	196	712574	39.081	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.933	196	767726	38.746	ng	99
46) 1,1'-Biphenyl	13.245	154	2340746	38.446	ng	100
47) 2-Chloronaphthalene	13.286	162	1823116	38.098	ng	100
48) 2-Nitroaniline	13.492	65	444526	40.153	ng	95
49) Acenaphthylene	14.139	152	2691615	38.614	ng	100
50) Dimethylphthalate	13.874	163	2263865	39.180	ng	99
51) 2,6-Dinitrotoluene	13.992	165	483710	39.956	ng	98
52) Acenaphthene	14.480	154	1693543	38.195	ng	100
53) 3-Nitroaniline	14.322	138	447938	38.284	ng	96
54) 2,4-Dinitrophenol	14.533	184	273506	35.605	ng	98
55) Dibenzofuran	14.816	168	2862571	38.620	ng	99
56) 4-Nitrophenol	14.663	139	387118	37.128	ng	99
57) 2,4-Dinitrotoluene	14.780	165	659348	40.826	ng	100
58) Fluorene	15.463	166	2285870	38.797	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.045	232	664846	38.283	ng	98
60) Diethylphthalate	15.239	149	2167987	39.125	ng	99
61) 4-Chlorophenyl-phenyle...	15.457	204	1253231	39.674	ng	98
62) 4-Nitroaniline	15.486	138	462625	38.234	ng	99
63) Azobenzene	15.751	77	1833912	38.657	ng	98
65) 4,6-Dinitro-2-methylph...	15.551	198	388996	38.194	ng	98
66) n-Nitrosodiphenylamine	15.674	169	1865380	38.566	ng	100
67) 4-Bromophenyl-phenylether	16.351	248	744578	39.684	ng	98
68) Hexachlorobenzene	16.474	284	847306	39.371	ng	98
69) Atrazine	16.627	200	582485	46.447	ng	98
70) Pentachlorophenol	16.821	266	569613	35.951	ng	99
71) Phenanthrene	17.204	178	3410399	38.488	ng	100
72) Anthracene	17.292	178	3369565	38.588	ng	100
73) Carbazole	17.568	167	3111048	37.826	ng	99
74) Di-n-butylphthalate	18.127	149	3705427	39.115	ng	100
75) Fluoranthene	19.221	202	4184997	38.413	ng	99
77) Benzidine	19.409	184	854178	41.280	ng	100
78) Pyrene	19.580	202	4338113	40.356	ng	99
80) Butylbenzylphthalate	20.480	149	1621305	40.139	ng	97
81) Benzo(a)anthracene	21.380	228	4032831	38.904	ng	100
82) 3,3'-Dichlorobenzidine	21.303	252	1452532	37.105	ng	99
83) Chrysene	21.445	228	3791995	38.478	ng	100
84) Bis(2-ethylhexyl)phtha...	21.303	149	2352875	39.981	ng	99
85) Di-n-octyl phthalate	22.439	149	3984344	38.701	ng	100
87) Indeno(1,2,3-cd)pyrene	27.791	276	4565414	37.357	ng	99
88) Benzo(b)fluoranthene	23.456	252	4035368	38.539	ng	100
89) Benzo(k)fluoranthene	23.521	252	3918687	38.619	ng	99
90) Benzo(a)pyrene	24.262	252	3534013	38.408	ng	99
91) Dibenzo(a,h)anthracene	27.850	278	3767961	37.431	ng	99
92) Benzo(g,h,i)perylene	28.850	276	3803425	36.975	ng	99

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

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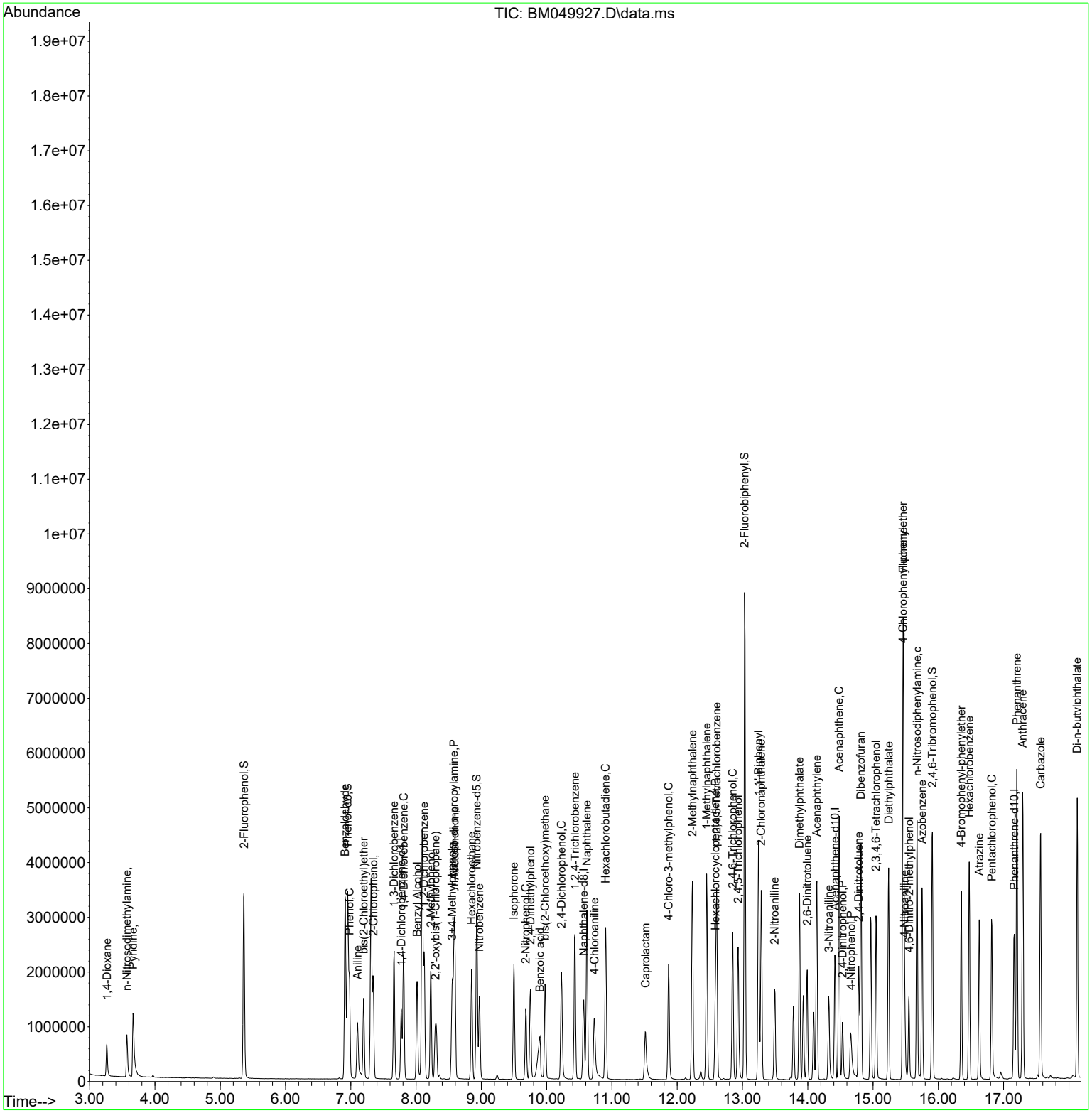

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