Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022825\
Data File : BM049675.D
Acq On : 28 Feb 2025 10:38
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Quant Time: Feb 28 14:28:02 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 06 04:55:28 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.804	152	259599	20.000	ng		-0.02
21) Naphthalene-d8	10.604	136	912828	20.000	ng		-0.02
39) Acenaphthene-d10	14.445	164	573813	20.000	ng		-0.02
64) Phenanthrene-d10	17.186	188	1136896	20.000	ng		-0.02
76) Chrysene-d12	21.421	240	1199037	20.000	ng		-0.02
86) Perylene-d12	24.433	264	1107921	20.000	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.387	112	1278603	79.203	ng		0.00
7) Phenol-d6	6.981	99	1660618	78.517	ng		0.00
23) Nitrobenzene-d5	8.963	82	1484018	83.624	ng		-0.02
42) 2,4,6-Tribromophenol	15.933	330	618837	91.016	ng		-0.02
45) 2-Fluorobiphenyl	13.069	172	3771789	85.153	ng		-0.02
79) Terphenyl-d14	19.809	244	6417003	81.724	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.281	88	269891	39.762	ng		96
3) Pyridine	3.681	79	738075	39.131	ng		97
4) n-Nitrosodimethylamine	3.587	42	322716	36.569	ng		92
6) Aniline	7.134	93	746271	37.229	ng		95
8) 2-Chlorophenol	7.375	128	638386	39.603	ng		95
9) Benzaldehyde	6.940	77	466396	41.648	ng		99
10) Phenol	7.004	94	804367	38.613	ng		99
11) bis(2-Chloroethyl)ether	7.228	93	643631	38.191	ng		99
12) 1,3-Dichlorobenzene	7.693	146	745087	39.822	ng		97
13) 1,4-Dichlorobenzene	7.840	146	757865	40.045	ng		99
14) 1,2-Dichlorobenzene	8.157	146	725438	39.698	ng		98
15) Benzyl Alcohol	8.045	79	542581	36.875	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.340	45	770021	33.941	ng		96
17) 2-Methylphenol	8.251	107	483073	37.925	ng		99
18) Hexachloroethane	8.887	117	267898	38.753	ng		95
19) n-Nitroso-di-n-propyla...	8.616	70	512906	37.034	ng		94
20) 3+4-Methylphenols	8.581	107	659290	39.209	ng		99
22) Acetophenone	8.628	105	987177	40.152	ng	#	98
24) Nitrobenzene	9.004	77	698543	40.514	ng		98
25) Isophorone	9.534	82	1187001	37.088	ng		99
26) 2-Nitrophenol	9.716	139	287179	48.415	ng		96
27) 2,4-Dimethylphenol	9.781	122	380959	37.645	ng		99
28) bis(2-Chloroethoxy)met...	10.010	93	815045	39.540	ng		99
29) 2,4-Dichlorophenol	10.251	162	623628	44.748	ng		98
30) 1,2,4-Trichlorobenzene	10.463	180	738892	43.275	ng		99
31) Naphthalene	10.651	128	1937995	40.255	ng		99
32) Benzoic acid	9.910	122	345362m	52.862	ng		
33) 4-Chloroaniline	10.757	127	707070	39.238	ng		98
34) Hexachlorobutadiene	10.945	225	449059	43.918	ng		99
35) Caprolactam	11.539	113	159972	37.626	ng		92
36) 4-Chloro-3-methylphenol	11.892	107	567514	40.833	ng		95
37) 2-Methylnaphthalene	12.263	142	1376496	40.609	ng		100
38) 1-Methylnaphthalene	12.486	142	1343109	40.726	ng		99
40) 1,2,4,5-Tetrachloroben...	12.633	216	839163	44.480	ng		99
41) Hexachlorocyclopentadiene	12.622	237	306783	63.698	ng		98
43) 2,4,6-Trichlorophenol	12.875	196	497331	48.308	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.951	196	538560	47.603	ng		99
46) 1,1'-Biphenyl	13.280	154	1824428	41.679	ng		99
47) 2-Chloronaphthalene	13.322	162	1404647	41.475	ng		99
48) 2-Nitroaniline	13.522	65	349034	39.854	ng		94
49) Acenaphthylene	14.169	152	2035499	40.759	ng		99
50) Dimethylphthalate	13.904	163	1698253	41.212	ng		100
51) 2,6-Dinitrotoluene	14.016	165	343044	48.109	ng		93
52) Acenaphthene	14.510	154	1402645m	42.314	ng		
53) 3-Nitroaniline	14.345	138	346537	47.733	ng	#	94
54) 2,4-Dinitrophenol	14.545	184	143831	64.682	ng	#	75
55) Dibenzofuran	14.845	168	2205442	41.784	ng		98
56) 4-Nitrophenol	14.663	139	284453	46.480	ng		91
57) 2,4-Dinitrotoluene	14.804	165	461503	46.617	ng		87
58) Fluorene	15.492	166	1875201	41.530	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.074	232	452062	47.295	ng		97
60) Diethylphthalate	15.269	149	1670130	40.328	ng		99
61) 4-Chlorophenyl-phenyle...	15.492	204	1011199	42.076	ng		98
62) 4-Nitroaniline	15.510	138	386631	41.755	ng		99
63) Azobenzene	15.780	77	1607922	37.197	ng		97
65) 4,6-Dinitro-2-methylph...	15.569	198	215618	58.812	ng		86
66) n-Nitrosodiphenylamine	15.704	169	1439316	40.143	ng		99
67) 4-Bromophenyl-phenylether	16.380	248	536508	40.620	ng		96
68) Hexachlorobenzene	16.498	284	599620	39.554	ng		97
69) Atrazine	16.651	200	382428	35.881	ng		98
70) Pentachlorophenol	16.839	266	372513	40.611	ng		99
71) Phenanthrene	17.227	178	2649491	40.907	ng		100
72) Anthracene	17.315	178	2595955	40.479	ng		100
73) Carbazole	17.586	167	2467838	43.843	ng		99
74) Di-n-butylphthalate	18.157	149	2826619	39.576	ng		99
75) Fluoranthene	19.239	202	3262680	43.027	ng		100
77) Benzidine	19.421	184	793051	74.688	ng		100
78) Pyrene	19.604	202	3367059	37.504	ng		100
80) Butylbenzylphthalate	20.509	149	1154065	41.310	ng		91
81) Benzo(a)anthracene	21.403	228	3391339	41.734	ng		99
82) 3,3'-Dichlorobenzidine	21.327	252	1102893	50.437	ng		99
83) Chrysene	21.468	228	3163649	41.554	ng		100
84) Bis(2-ethylhexyl)phtha...	21.339	149	1946574	40.645	ng		99
85) Di-n-octyl phthalate	22.480	149	2817292	37.288	ng		95
87) Indeno(1,2,3-cd)pyrene	27.844	276	3257972	53.845	ng	#	96
88) Benzo(b)fluoranthene	23.486	252	3189592	41.848	ng		99
89) Benzo(k)fluoranthene	23.550	252	3081743	41.629	ng		99
90) Benzo(a)pyrene	24.297	252	2646088	43.809	ng		98
91) Dibenzo(a,h)anthracene	27.903	278	2712440	56.721	ng		97
92) Benzo(g,h,i)perylene	28.897	276	2669969	49.981	ng		98

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

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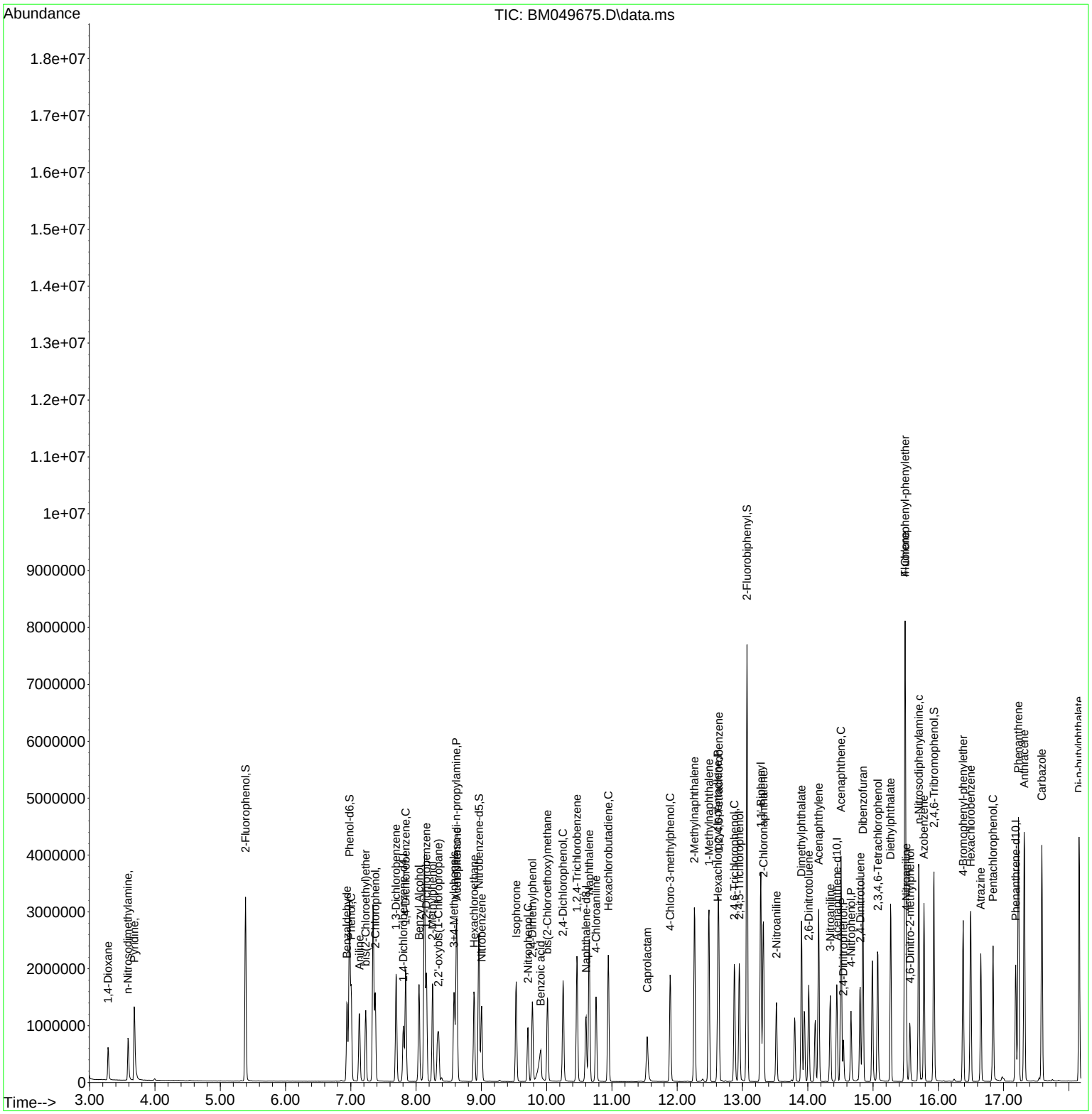

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