Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082724\
Data File : BM047357.D
Acq On : 27 Aug 2024 10:34
Operator : RC/JU
Sample : PB162987BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB162987BS

Quant Time: Aug 27 11:53:58 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM082624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 26 18:11:40 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.345	152	389912	20.000	ng		0.00
21) Naphthalene-d8	10.104	136	1478054	20.000	ng		0.00
39) Acenaphthene-d10	14.010	164	965973	20.000	ng		0.00
64) Phenanthrene-d10	16.774	188	1889197	20.000	ng		0.00
76) Chrysene-d12	21.021	240	1177820	20.000	ng		0.00
86) Perylene-d12	23.709	264	1021763	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.010	112	2579248	126.912	ng		0.00
7) Phenol-d6	6.575	99	3371604	121.782	ng		0.00
23) Nitrobenzene-d5	8.504	82	2152928	80.820	ng		0.00
42) 2,4,6-Tribromophenol	15.527	330	1349979	115.835	ng		0.00
45) 2-Fluorobiphenyl	12.616	172	5019952	79.849	ng		0.00
79) Terphenyl-d14	19.445	244	6421770	97.048	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.022	88	251613	30.247	ng		99
3) Pyridine	3.393	79	613948	26.592	ng		98
4) n-Nitrosodimethylamine	3.316	42	410451	43.652	ng		97
6) Aniline	6.704	93	673160	26.846	ng		99
8) 2-Chlorophenol	6.928	128	1078787	47.425	ng		99
9) Benzaldehyde	6.516	77	226469	12.265	ng		98
10) Phenol	6.598	94	1255960	46.109	ng		98
11) bis(2-Chloroethyl)ether	6.804	93	1028706	43.580	ng		99
12) 1,3-Dichlorobenzene	7.239	146	1139193	40.954	ng		99
13) 1,4-Dichlorobenzene	7.387	146	1144693	40.634	ng		99
14) 1,2-Dichlorobenzene	7.692	146	1114181	41.735	ng		99
15) Benzyl Alcohol	7.610	79	941638	49.059	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.875	45	1209383	42.729	ng		99
17) 2-Methylphenol	7.816	107	854872	45.172	ng		99
18) Hexachloroethane	8.398	117	435821	41.385	ng		98
19) n-Nitroso-di-n-propyla...	8.163	70	747517	39.278	ng		99
20) 3+4-Methylphenols	8.145	107	1163513	44.219	ng		99
22) Acetophenone	8.175	105	1337603	38.994	ng	#	98
24) Nitrobenzene	8.545	77	1126456	41.116	ng		98
25) Isophorone	9.069	82	2139744	42.500	ng		99
26) 2-Nitrophenol	9.239	139	615012	45.637	ng		100
27) 2,4-Dimethylphenol	9.322	122	768958	50.551	ng		98
28) bis(2-Chloroethoxy)met...	9.551	93	1322766	42.904	ng		99
29) 2,4-Dichlorophenol	9.781	162	1125257	47.687	ng		99
30) 1,2,4-Trichlorobenzene	9.975	180	1151768	42.259	ng		98
31) Naphthalene	10.151	128	3007149	41.655	ng		100
32) Benzoic acid	9.551	122	755044	41.568	ng		98
33) 4-Chloroaniline	10.286	127	765888	28.533	ng		99
34) Hexachlorobutadiene	10.433	225	703075	41.305	ng		99
35) Caprolactam	11.116	113	303121m	39.655	ng		
36) 4-Chloro-3-methylphenol	11.439	107	1058848	44.188	ng		99
37) 2-Methylnaphthalene	11.780	142	2226373	42.297	ng		100
38) 1-Methylnaphthalene	12.004	142	2060513	39.581	ng		100
40) 1,2,4,5-Tetrachloroben...	12.163	216	1173059	41.010	ng		99
41) Hexachlorocyclopentadiene	12.133	237	1071318	118.671	ng		99
43) 2,4,6-Trichlorophenol	12.427	196	917298	46.780	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.521	196	916246	42.074	ng	99
46) 1,1'-Biphenyl	12.833	154	2674156	39.647	ng	99
47) 2-Chloronaphthalene	12.869	162	2226181	42.117	ng	99
48) 2-Nitroaniline	13.098	65	667648	45.093	ng	99
49) Acenaphthylene	13.727	152	3541544	46.101	ng	99
50) Dimethylphthalate	13.498	163	2889323	43.410	ng	99
51) 2,6-Dinitrotoluene	13.616	165	655082	42.272	ng	99
52) Acenaphthene	14.074	154	2060560	42.253	ng	99
53) 3-Nitroaniline	13.945	138	470028	32.869	ng	99
54) 2,4-Dinitrophenol	14.174	184	861576	90.278	ng	96
55) Dibenzofuran	14.421	168	3353697	42.694	ng	100
56) 4-Nitrophenol	14.304	139	958388	85.739	ng	98
57) 2,4-Dinitrotoluene	14.421	165	837427	41.744	ng	96
58) Fluorene	15.074	166	2657037	41.795	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.663	232	803382	44.915	ng	100
60) Diethylphthalate	14.874	149	2757152	41.994	ng	100
61) 4-Chlorophenyl-phenyle...	15.080	204	1386708	42.879	ng	97
62) 4-Nitroaniline	15.127	138	526240	39.781	ng	99
63) Azobenzene	15.374	77	2484043	43.448	ng	99
65) 4,6-Dinitro-2-methylph...	15.192	198	551909	47.598	ng	99
66) n-Nitrosodiphenylamine	15.304	169	2338526	45.238	ng	100
67) 4-Bromophenyl-phenylether	15.974	248	885446	44.427	ng	97
68) Hexachlorobenzene	16.080	284	996585	43.294	ng	100
69) Atrazine	16.274	200	671735	39.755	ng	100
70) Pentachlorophenol	16.439	266	1252233	84.141	ng	98
71) Phenanthrene	16.821	178	4064455	44.300	ng	100
72) Anthracene	16.909	178	4053887	45.326	ng	100
73) Carbazole	17.198	167	3688657	42.978	ng	100
74) Di-n-butylphthalate	17.774	149	4504171	43.098	ng	100
75) Fluoranthene	18.856	202	4388669	40.738	ng	100
77) Benzidine	19.062	184	435609	22.157	ng	99
78) Pyrene	19.221	202	4493764	49.745	ng	100
80) Butylbenzylphthalate	20.156	149	1694644	47.939	ng	99
81) Benzo(a)anthracene	21.003	228	3524002	45.880	ng	99
82) 3,3'-Dichlorobenzidine	20.944	252	937336	36.278	ng	100
83) Chrysene	21.062	228	3239713	44.839	ng	99
84) Bis(2-ethylhexyl)phtha...	20.956	149	2244056	44.915	ng	99
85) Di-n-octyl phthalate	21.986	149	3512797	41.772	ng	100
87) Indeno(1,2,3-cd)pyrene	26.697	276	3210724	50.197	ng	100
88) Benzo(b)fluoranthene	22.868	252	3051135	51.184	ng	100
89) Benzo(k)fluoranthene	22.927	252	2918004	51.637	ng	99
90) Benzo(a)pyrene	23.585	252	2705998	52.491	ng	100
91) Dibenzo(a,h)anthracene	26.744	278	2586694	49.920	ng	99
92) Benzo(g,h,i)perylene	27.626	276	2604340	48.345	ng	100

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

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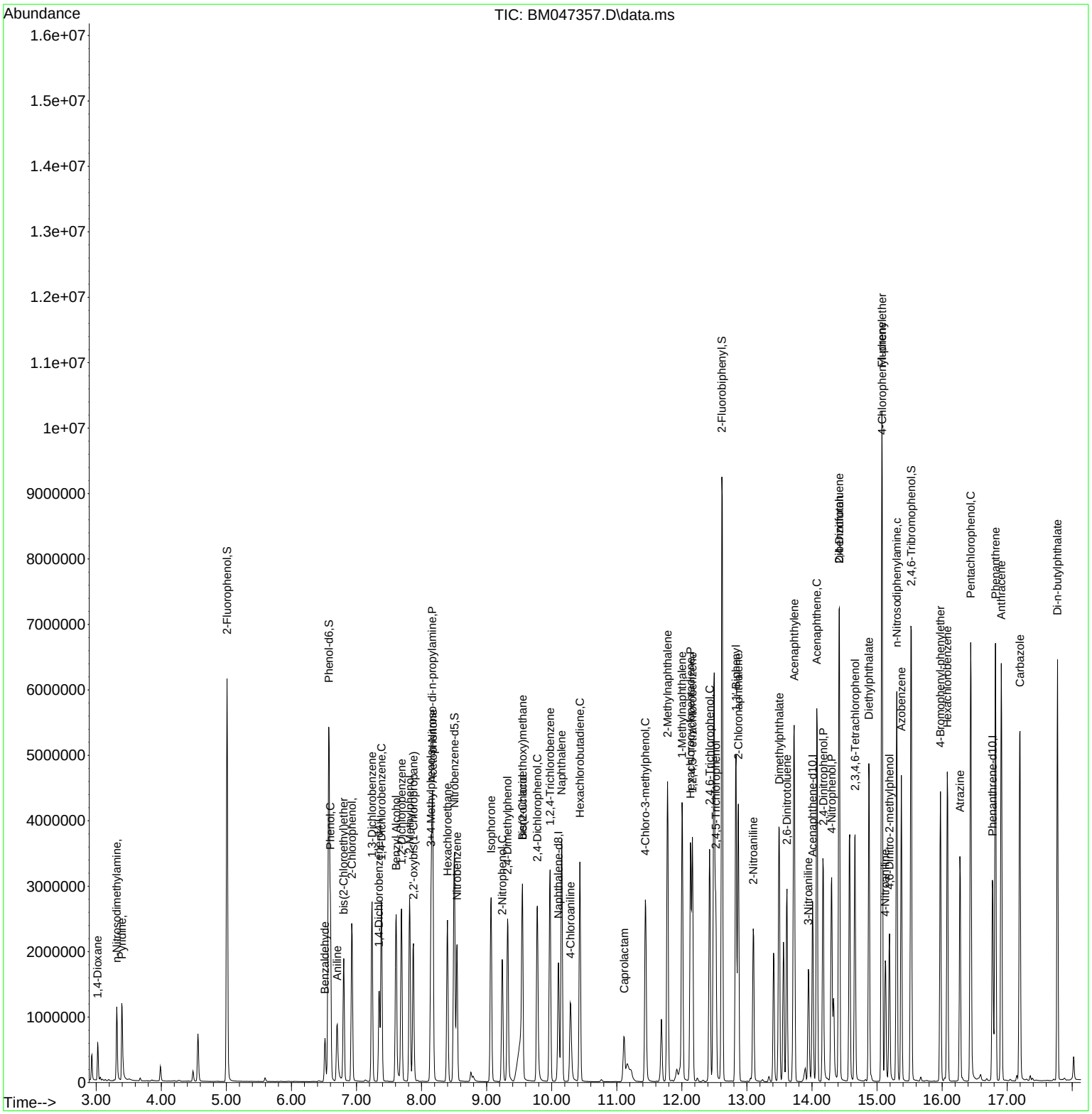

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