Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082624\
Data File : BM047352.D
Acq On : 26 Aug 2024 18:23
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ICVBM082624

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 08/27/2024
Supervised By :mohammad ahmed 08/28/2024

Quant Time: Aug 27 04:27:11 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	7.351	152	261449	20.000	ng		0.00
21) Naphthalene-d8	10.104	136	1028140	20.000	ng		0.00
39) Acenaphthene-d10	14.010	164	688752	20.000	ng		0.00
64) Phenanthrene-d10	16.774	188	1374519	20.000	ng		0.00
76) Chrysene-d12	21.021	240	1030291	20.000	ng		0.00
86) Perylene-d12	23.709	264	1157476	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.004	112	1078574	79.148	ng		0.00
7) Phenol-d6	6.569	99	1491177	80.326	ng		0.00
23) Nitrobenzene-d5	8.498	82	1530742	82.610	ng		0.00
42) 2,4,6-Tribromophenol	15.521	330	687216	82.701	ng		0.00
45) 2-Fluorobiphenyl	12.616	172	3744756	83.540	ng		0.00
79) Terphenyl-d14	19.445	244	4839858	83.615	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.022	88	220371	39.508	ng		99
3) Pyridine	3.393	79	617529m	39.890	ng		
4) n-Nitrosodimethylamine	3.316	42	256366	40.661	ng		100
6) Aniline	6.704	93	685545	40.773	ng		100
8) 2-Chlorophenol	6.928	128	608154	39.871	ng		98
9) Benzaldehyde	6.516	77	414424	44.397	ng		99
10) Phenol	6.592	94	730869	40.016	ng		99
11) bis(2-Chloroethyl)ether	6.804	93	635833	40.172	ng		100
12) 1,3-Dichlorobenzene	7.239	146	749772	40.199	ng		99
13) 1,4-Dichlorobenzene	7.386	146	757494	40.102	ng		99
14) 1,2-Dichlorobenzene	7.692	146	713999	39.886	ng		100
15) Benzyl Alcohol	7.604	79	540230	41.975	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.875	45	767979	40.466	ng		98
17) 2-Methylphenol	7.816	107	521031	41.060	ng		99
18) Hexachloroethane	8.398	117	286230	40.535	ng		98
19) n-Nitroso-di-n-propyla...	8.163	70	503413	39.449	ng		99
20) 3+4-Methylphenols	8.145	107	727895	41.256	ng		99
22) Acetophenone	8.169	105	967224	40.536	ng	#	98
24) Nitrobenzene	8.539	77	788564	41.378	ng		99
25) Isophorone	9.069	82	1439111	41.092	ng		99
26) 2-Nitrophenol	9.239	139	400563	42.731	ng		98
27) 2,4-Dimethylphenol	9.322	122	445076	42.063	ng		98
28) bis(2-Chloroethoxy)met...	9.551	93	893301	41.654	ng		99
29) 2,4-Dichlorophenol	9.780	162	709149	43.204	ng		99
30) 1,2,4-Trichlorobenzene	9.975	180	784076	41.357	ng		99
31) Naphthalene	10.157	128	2050073	40.825	ng		100
32) Benzoic acid	9.528	122	547509	43.333	ng		99
33) 4-Chloroaniline	10.286	127	788122	42.209	ng		99
34) Hexachlorobutadiene	10.433	225	491974	41.551	ng		98
35) Caprolactam	11.098	113	218104	41.019	ng		98
36) 4-Chloro-3-methylphenol	11.439	107	693274	41.592	ng		99
37) 2-Methylnaphthalene	11.780	142	1491928	40.747	ng		99
38) 1-Methylnaphthalene	12.004	142	1467764	40.532	ng		100
40) 1,2,4,5-Tetrachloroben...	12.163	216	872249	42.767	ng		100
41) Hexachlorocyclopentadiene	12.133	237	276174	42.905	ng		98
43) 2,4,6-Trichlorophenol	12.427	196	602159	43.069	ng		99

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44) 2,4,5-Trichlorophenol	12.510	196	667135	42.966	ng	98
46) 1,1'-Biphenyl	12.833	154	2014205	41.882	ng	99
47) 2-Chloronaphthalene	12.868	162	1567997	41.605	ng	99
48) 2-Nitroaniline	13.098	65	449641	42.592	ng	99
49) Acenaphthylene	13.727	152	2278764	41.602	ng	99
50) Dimethylphthalate	13.492	163	1954808	41.190	ng	100
51) 2,6-Dinitrotoluene	13.616	165	467951	42.350	ng	99
52) Acenaphthene	14.074	154	1437027	41.327	ng	99
53) 3-Nitroaniline	13.945	138	434684	42.632	ng	100
54) 2,4-Dinitrophenol	14.168	184	282500	41.515	ng	99
55) Dibenzofuran	14.421	168	2290830	40.902	ng	100
56) 4-Nitrophenol	14.298	139	339495	42.596	ng	99
57) 2,4-Dinitrotoluene	14.415	165	589760	41.231	ng	99
58) Fluorene	15.074	166	1854076	40.903	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.663	232	532718	41.770	ng	100
60) Diethylphthalate	14.874	149	1911829	40.840	ng	99
61) 4-Chlorophenyl-phenyle...	15.080	204	938376	40.695	ng	99
62) 4-Nitroaniline	15.127	138	392195	41.581	ng	99
63) Azobenzene	15.374	77	1671714	41.008	ng	99
65) 4,6-Dinitro-2-methylph...	15.192	198	364752	43.236	ng	98
66) n-Nitrosodiphenylamine	15.304	169	1565337	41.620	ng	99
67) 4-Bromophenyl-phenylether	15.974	248	609006	41.999	ng	98
68) Hexachlorobenzene	16.080	284	702080	41.920	ng	100
69) Atrazine	16.274	200	435188	35.400	ng	99
70) Pentachlorophenol	16.439	266	465838	43.021	ng	97
71) Phenanthrene	16.821	178	2728835	40.880	ng	100
72) Anthracene	16.909	178	2691622	41.363	ng	100
73) Carbazole	17.198	167	2576628	41.263	ng	100
74) Di-n-butylphthalate	17.774	149	3129211	41.153	ng	100
75) Fluoranthene	18.856	202	3169400	40.436	ng	100
77) Benzidine	19.062	184	837747	48.712	ng	99
78) Pyrene	19.221	202	3255189	41.194	ng	100
80) Butylbenzylphthalate	20.156	149	1292690	41.804	ng	98
81) Benzo(a)anthracene	21.003	228	2800118	41.675	ng	99
82) 3,3'-Dichlorobenzidine	20.944	252	970059	42.920	ng	99
83) Chrysene	21.062	228	2611319	41.317	ng	100
84) Bis(2-ethylhexyl)phtha...	20.956	149	1813135	41.486	ng	99
85) Di-n-octyl phthalate	21.986	149	3080021	41.870	ng	100
87) Indeno(1,2,3-cd)pyrene	26.709	276	3048938	42.079	ng	100
88) Benzo(b)fluoranthene	22.874	252	2769284	41.009	ng	100
89) Benzo(k)fluoranthene	22.927	252	2655717	41.485	ng	100
90) Benzo(a)pyrene	23.585	252	2434592	41.689	ng	99
91) Dibenzo(a,h)anthracene	26.750	278	2464104	41.978	ng	100
92) Benzo(g,h,i)perylene	27.638	276	2583703	42.339	ng	99

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

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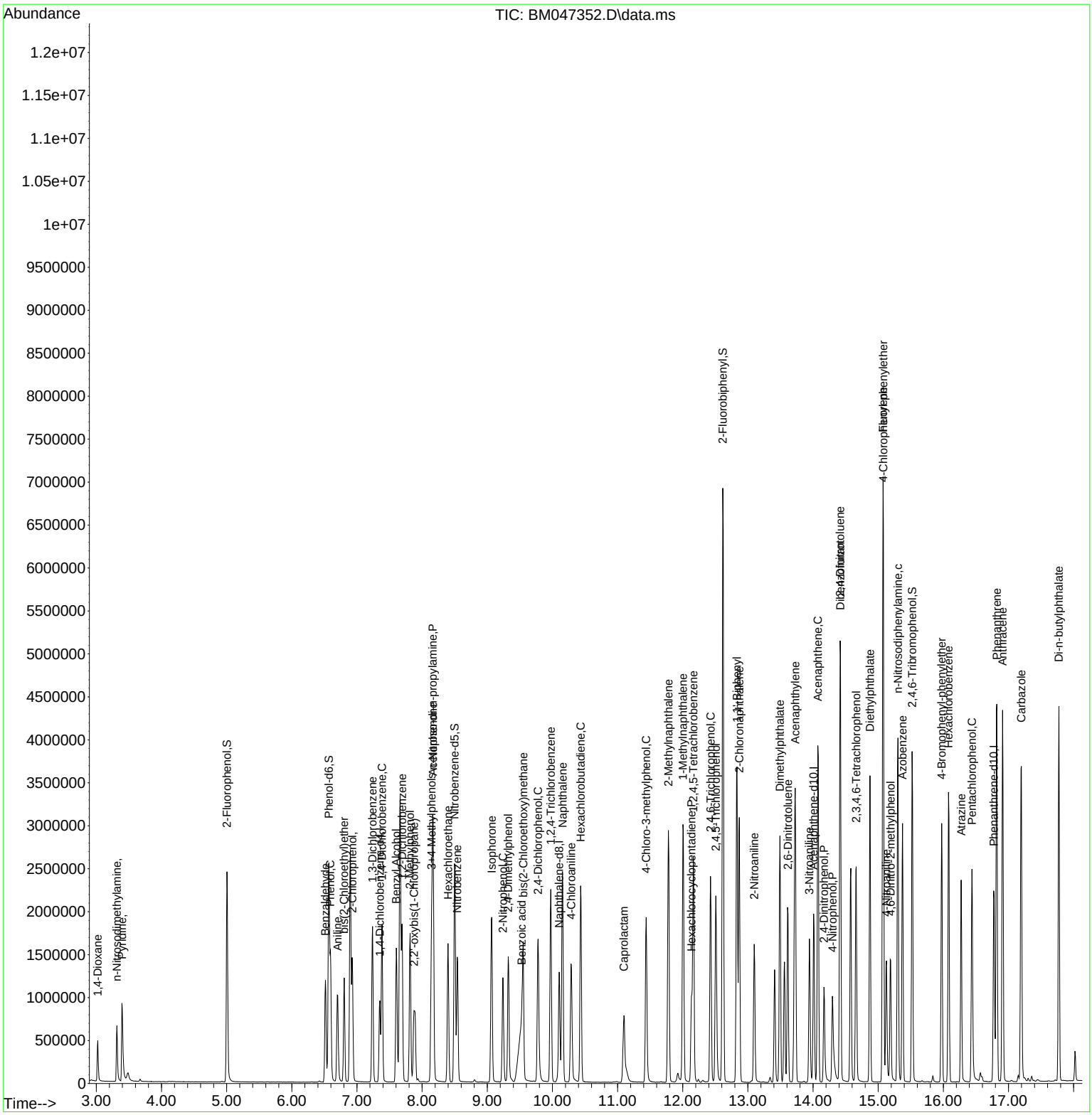

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