Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082024\
Data File : BM047267.D
Acq On : 20 Aug 2024 12:07
Operator : RC/JU
Sample : P3643-02MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
932-K1-SD-0-0.5-081524MS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 08/21/2024
Supervised By :mohammad ahmed 08/22/2024

Quant Time: Aug 20 12:43:53 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	7.357	152	224756	20.000	ng	-0.02
21) Naphthalene-d8	10.116	136	875032	20.000	ng	-0.02
39) Acenaphthene-d10	14.021	164	598415	20.000	ng	-0.01
64) Phenanthrene-d10	16.786	188	1318664	20.000	ng	0.00
76) Chrysene-d12	21.027	240	1107344	20.000	ng	0.00
86) Perylene-d12	23.721	264	1124279	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.016	112	1404493	111.659	ng	0.00
7) Phenol-d6	6.575	99	1884640	108.738	ng	-0.01
23) Nitrobenzene-d5	8.510	82	1148497	66.090	ng	-0.01
42) 2,4,6-Tribromophenol	15.533	330	791934	114.133	ng	0.00
45) 2-Fluorobiphenyl	12.627	172	2242759	57.811	ng	-0.02
79) Terphenyl-d14	19.451	244	3030486	58.641	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.022	88	207820	39.876	ng	95
3) Pyridine	3.399	79	575856	37.680	ng	96
4) n-Nitrosodimethylamine	3.316	42	264411	39.601	ng	100
6) Aniline	6.710	93	628244	38.350	ng	98
8) 2-Chlorophenol	6.940	128	704590	51.359	ng	98
9) Benzaldehyde	6.522	77	380480	43.299	ng	99
10) Phenol	6.604	94	836579	48.373	ng	98
11) bis(2-Chloroethyl)ether	6.810	93	650887	43.948	ng	97
12) 1,3-Dichlorobenzene	7.245	146	757349	46.456	ng	98
13) 1,4-Dichlorobenzene	7.392	146	766980	46.467	ng	97
14) 1,2-Dichlorobenzene	7.704	146	742039	47.646	ng	98
15) Benzyl Alcohol	7.616	79	641295	51.989	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.887	45	823699	43.342	ng	98
17) 2-Methylphenol	7.822	107	577932	50.090	ng	99
18) Hexachloroethane	8.410	117	286837	44.863	ng	94
19) n-Nitroso-di-n-propyla...	8.169	70	500119	42.838	ng	98
20) 3+4-Methylphenols	8.151	107	800326	49.617	ng	98
22) Acetophenone	8.181	105	964415	45.660	ng	98
24) Nitrobenzene	8.551	77	776210	44.358	ng	97
25) Isophorone	9.075	82	1451265	47.964	ng	98
26) 2-Nitrophenol	9.251	139	408687	52.737	ng	97
27) 2,4-Dimethylphenol	9.334	122	584255	64.362	ng	99
28) bis(2-Chloroethoxy)met...	9.557	93	892816	46.894	ng	99
29) 2,4-Dichlorophenol	9.786	162	757684	56.253	ng	98
30) 1,2,4-Trichlorobenzene	9.986	180	744491	48.842	ng	98
31) Naphthalene	10.163	128	2057259	47.195	ng	99
32) Benzoic acid	9.528	122	587645	55.719	ng	98
33) 4-Chloroaniline	10.292	127	470621	28.075	ng	99
34) Hexachlorobutadiene	10.445	225	460763	51.645	ng	98
35) Caprolactam	11.110	113	259899m	55.563	ng	
36) 4-Chloro-3-methylphenol	11.445	107	754649	52.609	ng	99
37) 2-Methylnaphthalene	11.792	142	1530740	49.320	ng	99
38) 1-Methylnaphthalene	12.016	142	1434100	46.753	ng	98
40) 1,2,4,5-Tetrachloroben...	12.175	216	846011	51.832	ng	99
41) Hexachlorocyclopentadiene	12.145	237	699885	122.799	ng	97
43) 2,4,6-Trichlorophenol	12.433	196	645362	55.629	ng	98

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44) 2,4,5-Trichlorophenol	12.516	196	695398	53.987	ng		96
46) 1,1'-Biphenyl	12.839	154	2004544	47.053	ng		99
47) 2-Chloronaphthalene	12.874	162	1553891	46.666	ng		99
48) 2-Nitroaniline	13.104	65	510758	48.962	ng		97
49) Acenaphthylene	13.739	152	2544166	51.835	ng		100
50) Dimethylphthalate	13.504	163	2083674	49.856	ng		99
51) 2,6-Dinitrotoluene	13.621	165	471984	48.310	ng		89
52) Acenaphthene	14.086	154	1537980	49.398	ng		99
53) 3-Nitroaniline	13.951	138	352365	35.993	ng		96
54) 2,4-Dinitrophenol	14.174	184	599241	102.338	ng		91
55) Dibenzofuran	14.427	168	2435484	49.524	ng		98
56) 4-Nitrophenol	14.304	139	871185	103.199	ng		98
57) 2,4-Dinitrotoluene	14.421	165	642828	49.295	ng	#	98
58) Fluorene	15.086	166	1994196	49.146	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.668	232	615666	58.157	ng		94
60) Diethylphthalate	14.886	149	2085510	48.865	ng		98
61) 4-Chlorophenyl-phenyle...	15.086	204	979624	50.710	ng		95
62) 4-Nitroaniline	15.133	138	468127	48.538	ng		95
63) Azobenzene	15.380	77	1880518	46.471	ng		97
65) 4,6-Dinitro-2-methylph...	15.192	198	392765	50.873	ng		92
66) n-Nitrosodiphenylamine	15.310	169	1777793	49.497	ng		99
67) 4-Bromophenyl-phenylether	15.986	248	651517	51.273	ng		97
68) Hexachlorobenzene	16.092	284	756384	49.702	ng		96
69) Atrazine	16.286	200	708865	65.587	ng		99
70) Pentachlorophenol	16.451	266	1086035	101.804	ng		98
71) Phenanthrene	16.827	178	3291854	49.742	ng		99
72) Anthracene	16.921	178	3364784	52.254	ng		100
73) Carbazole	17.204	167	3214005	48.885	ng		99
74) Di-n-butylphthalate	17.786	149	3778178	49.387	ng		99
75) Fluoranthene	18.862	202	4008991	49.804	ng		99
77) Benzidine	19.068	184	1692743	90.141	ng		99
78) Pyrene	19.233	202	4209207	53.236	ng		99
80) Butylbenzylphthalate	20.168	149	1828369	56.663	ng		95
81) Benzo(a)anthracene	21.015	228	3717987	50.577	ng		100
82) 3,3'-Dichlorobenzidine	20.950	252	1076202	46.790	ng		99
83) Chrysene	21.068	228	3447413	49.428	ng		100
84) Bis(2-ethylhexyl)phtha...	20.968	149	2488923	54.390	ng	#	98
85) Di-n-octyl phthalate	21.997	149	4376210	56.264	ng		97
87) Indeno(1,2,3-cd)pyrene	26.727	276	3591951	49.428	ng		98
88) Benzo(b)fluoranthene	22.886	252	3322518	49.763	ng		99
89) Benzo(k)fluoranthene	22.939	252	3260791	51.706	ng		99
90) Benzo(a)pyrene	23.597	252	3053597	52.796	ng		98
91) Dibenzo(a,h)anthracene	26.774	278	2858311	48.602	ng		99
92) Benzo(g,h,i)perylene	27.656	276	2754623	45.113	ng		99

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

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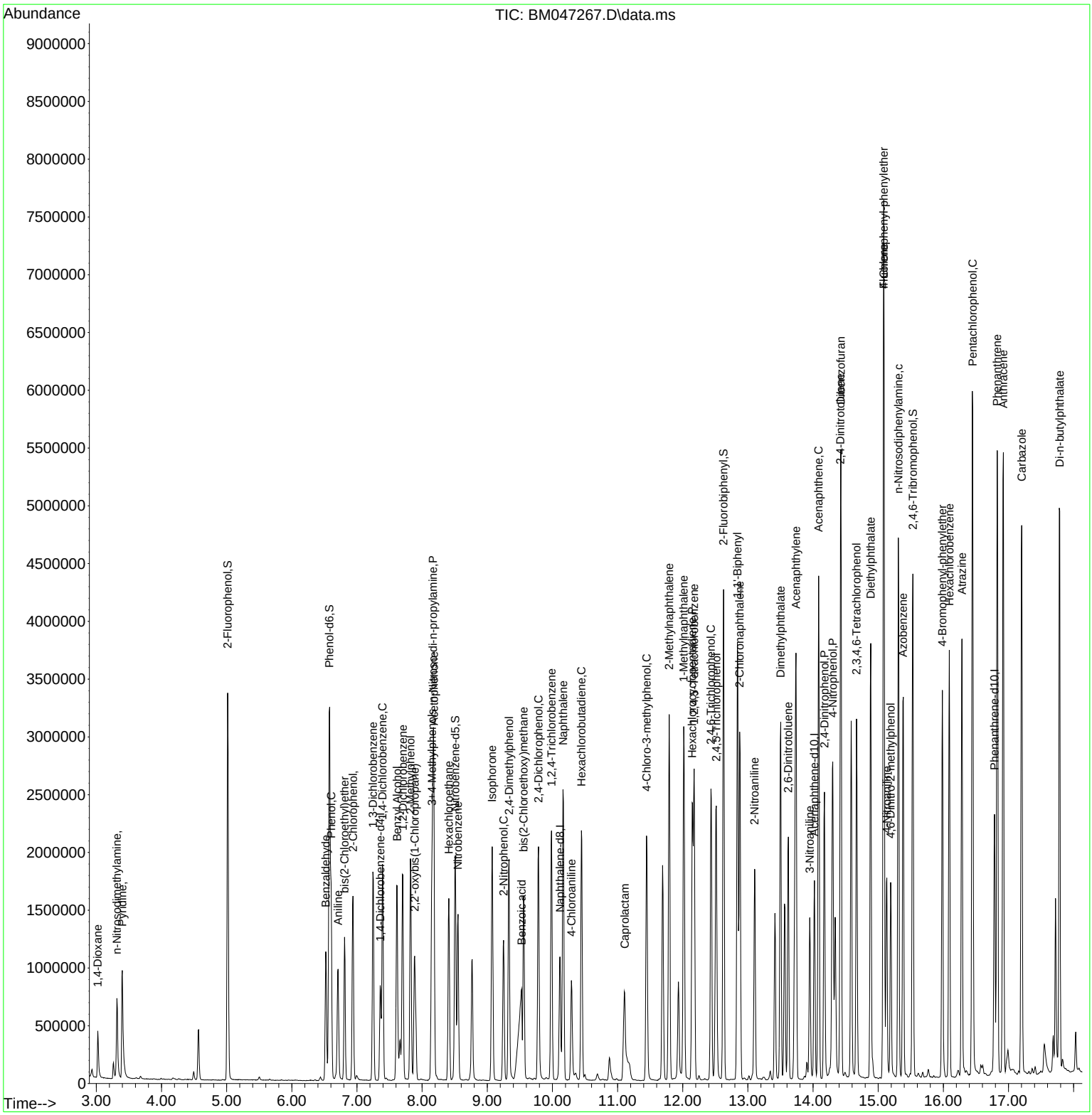

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