Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082124\
Data File : BM047297.D
Acq On : 21 Aug 2024 14:27
Operator : RC/JU
Sample : P3617-08MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
VCPS-B4-081424-10-16MSD

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/23/2024

Quant Time: Aug 21 15:32:13 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	7.351	152	176222	20.000	ng	-0.02
21) Naphthalene-d8	10.110	136	677969	20.000	ng	-0.02
39) Acenaphthene-d10	14.015	164	464627	20.000	ng	-0.02
64) Phenanthrene-d10	16.780	188	1007426	20.000	ng	-0.01
76) Chrysene-d12	21.021	240	946266	20.000	ng	-0.01
86) Perylene-d12	23.715	264	1032820	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.010	112	1115608	113.119	ng	-0.01
7) Phenol-d6	6.569	99	1470040	108.176	ng	-0.02
23) Nitrobenzene-d5	8.504	82	986414	73.262	ng	-0.02
42) 2,4,6-Tribromophenol	15.527	330	658414	122.213	ng	-0.01
45) 2-Fluorobiphenyl	12.621	172	2141767	71.105	ng	-0.02
79) Terphenyl-d14	19.445	244	3110912	70.445	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.022	88	181662	44.456	ng	96
3) Pyridine	3.393	79	504111	42.071	ng	98
4) n-Nitrosodimethylamine	3.316	42	232370	44.387	ng	99
6) Aniline	6.704	93	466658	36.332	ng	98
8) 2-Chlorophenol	6.934	128	585139	54.399	ng	97
9) Benzaldehyde	6.516	77	319315	49.634	ng	99
10) Phenol	6.598	94	683992	50.443	ng	98
11) bis(2-Chloroethyl)ether	6.804	93	552839	47.608	ng	98
12) 1,3-Dichlorobenzene	7.245	146	640866	50.138	ng	97
13) 1,4-Dichlorobenzene	7.387	146	651182	50.317	ng	99
14) 1,2-Dichlorobenzene	7.698	146	628718	51.488	ng	98
15) Benzyl Alcohol	7.610	79	514345m	53.181	ng	
16) 2,2'-oxybis(1-Chloropr...	7.881	45	685985	46.037	ng	99
17) 2-Methylphenol	7.816	107	466901	51.612	ng	99
18) Hexachloroethane	8.404	117	243101	48.494	ng	95
19) n-Nitroso-di-n-propyla...	8.163	70	411373	44.941	ng	97
20) 3+4-Methylphenols	8.145	107	644554	50.965	ng	98
22) Acetophenone	8.175	105	789390	48.236	ng	99
24) Nitrobenzene	8.545	77	643135	47.437	ng	96
25) Isophorone	9.069	82	1178767	50.281	ng	99
26) 2-Nitrophenol	9.245	139	329834	54.933	ng	93
27) 2,4-Dimethylphenol	9.328	122	465446	66.178	ng	99
28) bis(2-Chloroethoxy)met...	9.551	93	720810	48.865	ng	100
29) 2,4-Dichlorophenol	9.780	162	608411	58.300	ng	99
30) 1,2,4-Trichlorobenzene	9.980	180	620280	52.522	ng	98
31) Naphthalene	10.157	128	1691471	50.082	ng	99
32) Benzoic acid	9.510	122	471753	57.732	ng	97
33) 4-Chloroaniline	10.286	127	372766	28.701	ng	99
34) Hexachlorobutadiene	10.439	225	384810	55.669	ng	99
35) Caprolactam	11.092	113	211429	58.339	ng	96
36) 4-Chloro-3-methylphenol	11.439	107	606688	54.587	ng	99
37) 2-Methylnaphthalene	11.786	142	1246193	51.823	ng	99
38) 1-Methylnaphthalene	12.010	142	1163399	48.952	ng	99
40) 1,2,4,5-Tetrachloroben...	12.169	216	695770	54.902	ng	99
41) Hexachlorocyclopentadiene	12.139	237	645132	145.785	ng	98
43) 2,4,6-Trichlorophenol	12.427	196	519296	57.651	ng	98

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	12.510	196	567706	56.765	ng		97
46)	1,1'-Biphenyl	12.833	154	1652122	49.947	ng		99
47)	2-Chloronaphthalene	12.869	162	1291555	49.957	ng		98
48)	2-Nitroaniline	13.098	65	414769	51.210	ng		94
49)	Acenaphthylene	13.733	152	2089617	54.833	ng		100
50)	Dimethylphthalate	13.498	163	1705999	52.573	ng		99
51)	2,6-Dinitrotoluene	13.616	165	390005	51.414	ng	#	87
52)	Acenaphthene	14.080	154	1268955	52.493	ng		100
53)	3-Nitroaniline	13.945	138	254010	33.417	ng		98
54)	2,4-Dinitrophenol	14.168	184	449882	98.953	ng		92
55)	Dibenzofuran	14.421	168	2013443	52.731	ng		99
56)	4-Nitrophenol	14.298	139	721306	110.048	ng		97
57)	2,4-Dinitrotoluene	14.415	165	534020	52.743	ng		99
58)	Fluorene	15.080	166	1640666	52.076	ng		99
59)	2,3,4,6-Tetrachlorophenol	14.663	232	507127	61.698	ng		94
60)	Diethylphthalate	14.880	149	1706763	51.506	ng		98
61)	4-Chlorophenyl-phenyle...	15.080	204	797666	53.181	ng		96
62)	4-Nitroaniline	15.121	138	376463	50.273	ng		98
63)	Azobenzene	15.380	77	1534783	48.848	ng		95
65)	4,6-Dinitro-2-methylph...	15.186	198	295995	50.183	ng		94
66)	n-Nitrosodiphenylamine	15.304	169	1464397	53.368	ng		99
67)	4-Bromophenyl-phenylether	15.980	248	533912	54.999	ng		97
68)	Hexachlorobenzene	16.086	284	621614	53.465	ng		95
69)	Atrazine	16.280	200	578829	70.101	ng		99
70)	Pentachlorophenol	16.445	266	905612	111.118	ng		98
71)	Phenanthrene	16.821	178	2693621	53.277	ng		100
72)	Anthracene	16.915	178	2743767	55.774	ng		100
73)	Carbazole	17.198	167	2665537	53.068	ng		99
74)	Di-n-butylphthalate	17.780	149	3089436	52.861	ng		99
75)	Fluoranthene	18.856	202	3319836	53.985	ng		99
77)	Benzidine	19.062	184	1613985	100.577	ng		99
78)	Pyrene	19.227	202	3490388	51.659	ng		99
80)	Butylbenzylphthalate	20.162	149	1525502	55.324	ng		95
81)	Benzo(a)anthracene	21.009	228	3376550	53.751	ng		100
82)	3,3'-Dichlorobenzidine	20.944	252	949677	48.318	ng		98
83)	Chrysene	21.062	228	3157666	52.981	ng		99
84)	Bis(2-ethylhexyl)phtha...	20.962	149	2107627	53.898	ng		99
85)	Di-n-octyl phthalate	21.991	149	3865135	58.152	ng		98
87)	Indeno(1,2,3-cd)pyrene	26.709	276	3387651	50.744	ng		98
88)	Benzo(b)fluoranthene	22.874	252	3297391	53.760	ng		99
89)	Benzo(k)fluoranthene	22.933	252	3209415	55.398	ng		99
90)	Benzo(a)pyrene	23.591	252	3042711	57.266	ng		98
91)	Dibenzo(a,h)anthracene	26.762	278	2704591	50.060	ng		99
92)	Benzo(g,h,i)perylene	27.638	276	2578788	45.973	ng		99

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

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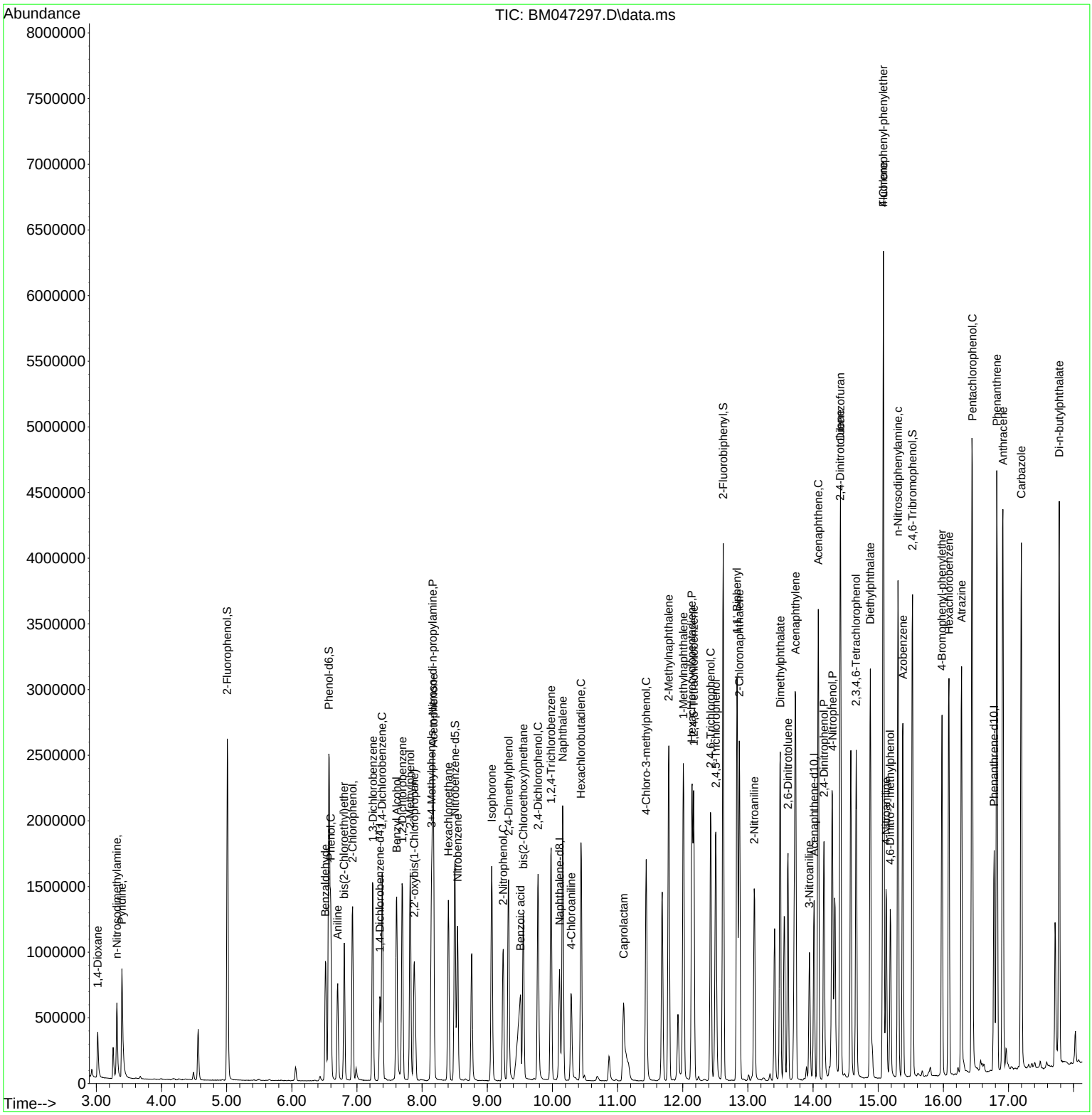

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