Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121121\
Data File : BP008364.D
Acq On : 11 Dec 2021 12:39
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 11 20:11:19 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 11 03:53:01 2021
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Reviewed By :Christian Giraldo
12/15/2021
Supervised By :Yogesh Patel
12/16/2021

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.752	152	60580	20.000	ng		-0.01
21) Naphthalene-d8	10.552	136	222742	20.000	ng		0.00
39) Acenaphthene-d10	14.410	164	147901	20.000	ng		0.00
64) Phenanthrene-d10	17.175	188	315686	20.000	ng		0.00
76) Chrysene-d12	21.286	240	358186	20.000	ng	#	0.00
86) Perylene-d12	23.669	264	390337	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.352	112	309792	82.336	ng		0.00
7) Phenol-d6	6.946	99	427239	84.117	ng		0.00
23) Nitrobenzene-d5	8.916	82	436405	89.093	ng		-0.01
42) 2,4,6-Tribromophenol	15.916	330	188062	99.481	ng		0.00
45) 2-Fluorobiphenyl	13.028	172	908739	89.247	ng		0.00
79) Terphenyl-d14	19.751	244	1571820	91.712	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.258	88	68426	38.981	ng		99
3) Pyridine	3.658	79	196134m	41.864	ng		
4) n-Nitrosodimethylamine	3.570	42	83009	42.479	ng	#	98
6) Aniline	7.087	93	250856	42.134	ng		96
8) 2-Chlorophenol	7.328	128	158496	41.151	ng		98
9) Benzaldehyde	6.899	77	117137	41.839	ng		96
10) Phenol	6.975	94	219502	42.055	ng		98
11) bis(2-Chloroethyl)ether	7.187	93	170535	40.878	ng		97
12) 1,3-Dichlorobenzene	7.640	146	178995	40.262	ng		98
13) 1,4-Dichlorobenzene	7.787	146	186608	41.400	ng		99
14) 1,2-Dichlorobenzene	8.105	146	176856	39.453	ng		97
15) Benzyl Alcohol	8.011	79	175051	43.499	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.293	45	254378	40.411	ng		99
17) 2-Methylphenol	8.216	107	140612	41.410	ng		97
18) Hexachloroethane	8.822	117	68421	40.824	ng		99
19) n-Nitroso-di-n-propyla...	8.569	70	148940	42.378	ng		99
20) 3+4-Methylphenols	8.552	107	196043	41.832	ng		98
22) Acetophenone	8.587	105	270474	44.394	ng	#	99
24) Nitrobenzene	8.964	77	209844	44.175	ng		99
25) Isophorone	9.493	82	373916	43.633	ng		98
26) 2-Nitrophenol	9.675	139	90929	44.366	ng		94
27) 2,4-Dimethylphenol	9.746	122	130400	42.543	ng		99
28) bis(2-Chloroethoxy)met...	9.969	93	226186	41.413	ng		99
29) 2,4-Dichlorophenol	10.222	162	159474	43.562	ng		99
30) 1,2,4-Trichlorobenzene	10.416	180	182486	42.948	ng		97
31) Naphthalene	10.599	128	475532	41.675	ng		100
32) Benzoic acid	9.958	122	105498	42.076	ng		91
33) 4-Chloroaniline	10.728	127	200013	42.253	ng		97
34) Hexachlorobutadiene	10.887	225	131212	45.124	ng		98
35) Caprolactam	11.540	113	35885	44.129	ng		92
36) 4-Chloro-3-methylphenol	11.875	107	187184	44.729	ng		96
37) 2-Methylnaphthalene	12.222	142	337121	41.773	ng		96
38) 1-Methylnaphthalene	12.440	142	330746	42.104	ng		98
40) 1,2,4,5-Tetrachloroben...	12.599	216	217596	45.291	ng		99
41) Hexachlorocyclopentadiene	12.569	237	90130	48.796	ng		99
43) 2,4,6-Trichlorophenol	12.846	196	144594	44.422	ng		100

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	12.934	196	154556	44.312	ng		99
46)	1,1'-Biphenyl	13.240	154	459526	42.823	ng		98
47)	2-Chloronaphthalene	13.281	162	365319	43.109	ng		98
48)	2-Nitroaniline	13.499	65	138303	47.360	ng		98
49)	Acenaphthylene	14.134	152	557055	42.609	ng		99
50)	Dimethylphthalate	13.875	163	485909	43.751	ng		99
51)	2,6-Dinitrotoluene	13.999	165	102977	44.676	ng		96
52)	Acenaphthene	14.475	154	325744	41.809	ng		98
53)	3-Nitroaniline	14.334	138	103725	44.404	ng		99
54)	2,4-Dinitrophenol	14.563	184	57297	42.043	ng		87
55)	Dibenzofuran	14.810	168	561150	42.147	ng		97
56)	4-Nitrophenol	14.681	139	69303	38.707	ng	#	81
57)	2,4-Dinitrotoluene	14.799	165	142753	45.129	ng	#	89
58)	Fluorene	15.469	166	443006	40.953	ng		99
59)	2,3,4,6-Tetrachlorophenol	15.051	232	135677m	43.744	ng		
60)	Diethylphthalate	15.246	149	478140	43.383	ng		100
61)	4-Chlorophenyl-phenyle...	15.457	204	247713	41.749	ng		99
62)	4-Nitroaniline	15.504	138	97894	40.387	ng		91
63)	Azobenzene	15.757	77	485615	43.076	ng		97
65)	4,6-Dinitro-2-methylph...	15.575	198	94546	45.789	ng		96
66)	n-Nitrosodiphenylamine	15.681	169	395647	43.266	ng		99
67)	4-Bromophenyl-phenylether	16.357	248	160910	45.838	ng		97
68)	Hexachlorobenzene	16.481	284	177715	47.360	ng		98
69)	Atrazine	16.645	200	103266	43.512	ng		98
70)	Pentachlorophenol	16.840	266	90816	40.701	ng		98
71)	Phenanthrene	17.216	178	708784	42.525	ng		99
72)	Anthracene	17.310	178	712235	43.059	ng		100
73)	Carbazole	17.592	167	687666	42.588	ng		99
74)	Di-n-butylphthalate	18.145	149	824885	40.809	ng		100
75)	Fluoranthene	19.198	202	890917	39.678	ng		98
77)	Benzidine	19.387	184	167268	34.044	ng		96
78)	Pyrene	19.551	202	923334	40.679	ng		99
80)	Butylbenzylphthalate	20.433	149	397438	38.966	ng		98
81)	Benzo(a)anthracene	21.269	228	984421	41.468	ng		100
82)	3,3'-Dichlorobenzidine	21.204	252	470682	42.083	ng		97
83)	Chrysene	21.322	228	935470	41.411	ng		99
84)	Bis(2-ethylhexyl)phtha...	21.198	149	575274	37.148	ng	#	98
85)	Di-n-octyl phthalate	22.110	149	1027049	39.041	ng		100
87)	Indeno(1,2,3-cd)pyrene	26.157	276	1241089	43.704	ng		96
88)	Benzo(b)fluoranthene	22.945	252	955908	40.623	ng		99
89)	Benzo(k)fluoranthene	22.986	252	988525	42.909	ng		99
90)	Benzo(a)pyrene	23.563	252	838720	41.703	ng	#	98
91)	Dibenzo(a,h)anthracene	26.163	278	1034736	43.874	ng		98
92)	Benzo(g,h,i)perylene	26.916	276	1007045	42.326	ng		96

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

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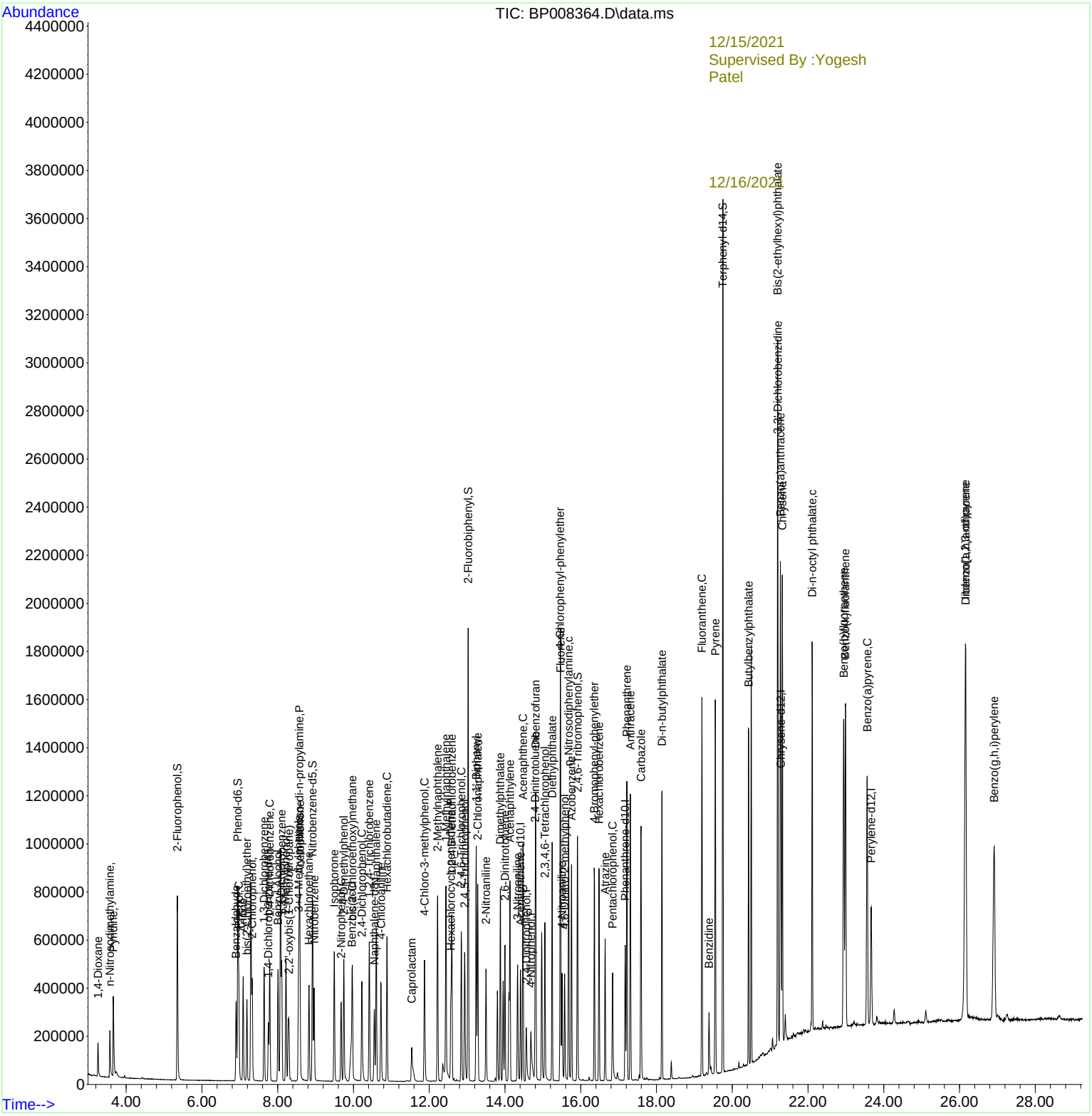
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