Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091322\
Data File : BP011690.D
Acq On : 13 Sep 2022 17:48
Operator : CG/JU
Sample : PB147586BSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Sep 14 02:50:36 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 13 15:49:51 2022
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
PB147586BSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 09/14/2022
Supervised By :Jagrut Upadhyay 09/14/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.952	152	378567	20.000	ng	0.00
21) Naphthalene-d8	10.763	136	1728074	20.000	ng	# 0.00
39) Acenaphthene-d10	14.592	164	1159630	20.000	ng	0.00
64) Phenanthrene-d10	17.351	188	2521239	20.000	ng	0.00
76) Chrysene-d12	21.433	240	2738569	20.000	ng	0.00
86) Perylene-d12	23.892	264	2967504	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.511	112	3555421	169.236	ng	0.00
7) Phenol-d6	7.110	99	4617514	168.357	ng	0.00
23) Nitrobenzene-d5	9.122	82	2468946	87.738	ng	0.00
42) 2,4,6-Tribromophenol	16.086	330	2071397	206.374	ng	0.00
45) 2-Fluorobiphenyl	13.222	172	6276234	83.831	ng	0.00
79) Terphenyl-d14	19.898	244	11186272	89.632	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.381	88	285439	31.381	ng	# 78
3) Pyridine	3.793	79	826381	31.942	ng	# 74
4) n-Nitrosodimethylamine	3.699	42	408193	44.026	ng	# 32
6) Aniline	7.275	93	1662878	49.748	ng	# 88
8) 2-Chlorophenol	7.516	128	1348221	55.229	ng	87
9) Benzaldehyde	7.087	77	401742m	23.245	ng	
10) Phenol	7.140	94	1667637	54.598	ng	79
11) bis(2-Chloroethyl)ether	7.375	93	1193808	50.225	ng	89
12) 1,3-Dichlorobenzene	7.840	146	1298126	47.634	ng	# 91
13) 1,4-Dichlorobenzene	7.987	146	1338329	48.198	ng	97
14) 1,2-Dichlorobenzene	8.305	146	1307282	49.628	ng	96
15) Benzyl Alcohol	8.193	79	1081678m	56.204	ng	
16) 2,2'-oxybis(1-Chloropr...	8.487	45	1391507	47.983	ng	89
17) 2-Methylphenol	8.399	107	1097111	55.468	ng	# 90
18) Hexachloroethane	9.040	117	443369	48.146	ng	97
19) n-Nitroso-di-n-propyla...	8.769	70	858328	51.429	ng	# 78
20) 3+4-Methylphenols	8.722	107	1496064	55.258	ng	92
22) Acetophenone	8.781	105	1883973	46.936	ng	# 84
24) Nitrobenzene	9.163	77	1284699	43.837	ng	# 83
25) Isophorone	9.693	82	2467197	50.558	ng	# 92
26) 2-Nitrophenol	9.875	139	653313	47.159	ng	# 76
27) 2,4-Dimethylphenol	9.934	122	1265973	58.875	ng	89
28) bis(2-Chloroethoxy)met...	10.175	93	1587945	50.054	ng	98
29) 2,4-Dichlorophenol	10.410	162	1276241	53.122	ng	95
30) 1,2,4-Trichlorobenzene	10.628	180	1248600	46.055	ng	99
31) Naphthalene	10.816	128	3985909	44.418	ng	100
32) Benzoic acid	10.069	122	923035	50.943	ng	# 83
33) 4-Chloroaniline	10.922	127	1534303	43.064	ng	# 90
34) Hexachlorobutadiene	11.104	225	718419	47.456	ng	98
35) Caprolactam	11.722	113	440683m	57.888	ng	
36) 4-Chloro-3-methylphenol	12.046	107	1364276	54.241	ng	86
37) 2-Methylnaphthalene	12.422	142	2817087	47.165	ng	96
38) 1-Methylnaphthalene	12.640	142	2711320	46.428	ng	98
40) 1,2,4,5-Tetrachloroben...	12.787	216	1474425	46.848	ng	99
41) Hexachlorocyclopentadiene	12.769	237	1780771	117.115	ng	99
43) 2,4,6-Trichlorophenol	13.028	196	1038669	49.608	ng	99

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	13.093	196	1175796	49.995	ng		96
46)	1,1'-Biphenyl	13.428	154	3747833	44.670	ng		99
47)	2-Chloronaphthalene	13.469	162	2848566	43.165	ng		98
48)	2-Nitroaniline	13.675	65	815756	41.771	ng	#	70
49)	Acenaphthylene	14.316	152	4607949	45.319	ng		99
50)	Dimethylphthalate	14.051	163	3754587	46.618	ng		100
51)	2,6-Dinitrotoluene	14.169	165	815200	50.215	ng	#	76
52)	Acenaphthene	14.657	154	3310642m	48.700	ng		
53)	3-Nitroaniline	14.498	138	858227	41.547	ng		83
54)	2,4-Dinitrophenol	14.698	184	953155	100.714	ng	#	77
55)	Dibenzofuran	14.992	168	4472228	45.005	ng		96
56)	4-Nitrophenol	14.804	139	1735754	107.538	ng	#	64
57)	2,4-Dinitrotoluene	14.951	165	1153390	48.821	ng	#	79
58)	Fluorene	15.645	166	3672590	45.684	ng		99
59)	2,3,4,6-Tetrachlorophenol	15.216	232	1027798	51.898	ng	#	95
60)	Diethylphthalate	15.416	149	3748192	47.511	ng		100
61)	4-Chlorophenyl-phenyle...	15.639	204	1828585	48.753	ng		92
62)	4-Nitroaniline	15.663	138	988029	45.604	ng	#	75
63)	Azobenzene	15.934	77	3197165	44.300	ng		85
65)	4,6-Dinitro-2-methylph...	15.716	198	571012	43.021	ng	#	78
66)	n-Nitrosodiphenylamine	15.851	169	3299806	44.783	ng		97
67)	4-Bromophenyl-phenylether	16.534	248	1192376	49.979	ng		94
68)	Hexachlorobenzene	16.645	284	1372876	51.212	ng		93
69)	Atrazine	16.810	200	1104038	48.492	ng		99
70)	Pentachlorophenol	16.992	266	1887161	119.414	ng		100
71)	Phenanthrene	17.392	178	5993303	43.802	ng		98
72)	Anthracene	17.481	178	6044232	46.804	ng		98
73)	Carbazole	17.751	167	5919538	48.318	ng		99
74)	Di-n-butylphthalate	18.304	149	6703820	49.049	ng	#	98
75)	Fluoranthene	19.351	202	7274062	48.454	ng		96
77)	Benzidine	19.527	184	4959728	77.201	ng		98
78)	Pyrene	19.704	202	7516977	42.250	ng		99
80)	Butylbenzylphthalate	20.574	149	3201446	40.773	ng		89
81)	Benzo(a)anthracene	21.416	228	7729235	44.408	ng		95
82)	3,3'-Dichlorobenzidine	21.345	252	3137546	57.665	ng		99
83)	Chrysene	21.469	228	7305614	43.561	ng		96
84)	Bis(2-ethylhexyl)phtha...	21.339	149	4651601	42.305	ng		97
85)	Di-n-octyl phthalate	22.286	149	8067915	43.277	ng	#	88
87)	Indeno(1,2,3-cd)pyrene	26.486	276	10533425	48.800	ng		96
88)	Benzo(b)fluoranthene	23.145	252	8823549	48.183	ng		99
89)	Benzo(k)fluoranthene	23.192	252	8292401	45.390	ng		97
90)	Benzo(a)pyrene	23.786	252	7756716	51.508	ng		97
91)	Dibenzo(a,h)anthracene	26.504	278	9297896	51.856	ng		97
92)	Benzo(g,h,i)perylene	27.280	276	9110174	51.712	ng		98

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

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