Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091322\
Data File : BP011689.D
Acq On : 13 Sep 2022 17:13
Operator : CG/JU
Sample : PB147586BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB147586BS

Manual Integrations APPROVED

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

Quant Time: Sep 14 02:49:33 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.952	152	422486	20.000	ng	0.00
21) Naphthalene-d8	10.763	136	1940792	20.000	ng	# 0.00
39) Acenaphthene-d10	14.593	164	1230861	20.000	ng	0.00
64) Phenanthrene-d10	17.345	188	2579473	20.000	ng	# 0.00
76) Chrysene-d12	21.427	240	2515445	20.000	ng	# 0.00
86) Perylene-d12	23.892	264	2571897	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.511	112	4221613	180.057	ng	0.00
7) Phenol-d6	7.116	99	5475957	178.901	ng	0.00
23) Nitrobenzene-d5	9.122	82	3006329	95.125	ng	0.00
42) 2,4,6-Tribromophenol	16.087	330	1752999	164.545	ng	0.00
45) 2-Fluorobiphenyl	13.222	172	6660479	83.815	ng	0.00
79) Terphenyl-d14	19.898	244	10391840	90.652	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.381	88	352989	34.773	ng	# 79
3) Pyridine	3.793	79	1033214	35.785	ng	# 75
4) n-Nitrosodimethylamine	3.699	42	519377	50.194	ng	# 35
6) Aniline	7.275	93	2006778	53.796	ng	89
8) 2-Chlorophenol	7.516	128	1563060	57.373	ng	89
9) Benzaldehyde	7.087	77	480840m	24.930	ng	
10) Phenol	7.140	94	2004657	58.810	ng	82
11) bis(2-Chloroethyl)ether	7.375	93	1440472	54.302	ng	91
12) 1,3-Dichlorobenzene	7.840	146	1488774	48.951	ng	# 91
13) 1,4-Dichlorobenzene	7.987	146	1524871	49.207	ng	97
14) 1,2-Dichlorobenzene	8.305	146	1498517	50.974	ng	97
15) Benzyl Alcohol	8.193	79	1309480m	60.967	ng	
16) 2,2'-oxybis(1-Chloropr...	8.487	45	1775970	54.875	ng	91
17) 2-Methylphenol	8.399	107	1304639	59.104	ng	# 90
18) Hexachloroethane	9.040	117	526625	51.242	ng	96
19) n-Nitroso-di-n-propyla...	8.769	70	1054916	56.637	ng	# 79
20) 3+4-Methylphenols	8.728	107	1786001	59.109	ng	91
22) Acetophenone	8.781	105	2232118	49.515	ng	# 85
24) Nitrobenzene	9.163	77	1580670	48.025	ng	# 88
25) Isophorone	9.693	82	3003414	54.801	ng	94
26) 2-Nitrophenol	9.875	139	777692	49.772	ng	# 78
27) 2,4-Dimethylphenol	9.934	122	1479973	61.283	ng	89
28) bis(2-Chloroethoxy)met...	10.175	93	1916053	53.776	ng	99
29) 2,4-Dichlorophenol	10.410	162	1405057	52.074	ng	96
30) 1,2,4-Trichlorobenzene	10.628	180	1337464	43.926	ng	99
31) Naphthalene	10.816	128	4564157	45.287	ng	99
32) Benzoic acid	10.087	122	1122633	54.608	ng	# 86
33) 4-Chloroaniline	10.922	127	1721599	43.025	ng	# 91
34) Hexachlorobutadiene	11.105	225	735832	43.279	ng	98
35) Caprolactam	11.728	113	518745m	60.674	ng	
36) 4-Chloro-3-methylphenol	12.046	107	1599254	56.614	ng	89
37) 2-Methylnaphthalene	12.422	142	3205023	47.778	ng	96
38) 1-Methylnaphthalene	12.640	142	3048281	46.477	ng	99
40) 1,2,4,5-Tetrachloroben...	12.787	216	1497660	44.832	ng	98
41) Hexachlorocyclopentadiene	12.769	237	1808453	112.053	ng	98
43) 2,4,6-Trichlorophenol	13.022	196	1094935	49.268	ng	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.093	196	1231302	49.325	ng		97
46) 1,1'-Biphenyl	13.428	154	4131162	46.389	ng		100
47) 2-Chloronaphthalene	13.469	162	3104697	44.324	ng		99
48) 2-Nitroaniline	13.675	65	998929	47.691	ng	#	77
49) Acenaphthylene	14.316	152	5089344	47.157	ng		98
50) Dimethylphthalate	14.057	163	4049769	47.373	ng		99
51) 2,6-Dinitrotoluene	14.169	165	890739	51.692	ng	#	81
52) Acenaphthene	14.657	154	3661845m	50.749	ng		
53) 3-Nitroaniline	14.498	138	946954	43.085	ng		88
54) 2,4-Dinitrophenol	14.704	184	1039948	103.342	ng	#	79
55) Dibenzofuran	14.993	168	4820957	45.707	ng		97
56) 4-Nitrophenol	14.804	139	1935157	112.954	ng	#	69
57) 2,4-Dinitrotoluene	14.957	165	1251293	49.834	ng	#	80
58) Fluorene	15.640	166	3962477	46.437	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.216	232	1012479	48.166	ng		97
60) Diethylphthalate	15.416	149	4181482	49.935	ng		99
61) 4-Chlorophenyl-phenyle...	15.634	204	1884070	47.325	ng		97
62) 4-Nitroaniline	15.663	138	1095350	47.511	ng	#	78
63) Azobenzene	15.928	77	3843594	50.175	ng		88
65) 4,6-Dinitro-2-methylph...	15.716	198	617971	45.241	ng		86
66) n-Nitrosodiphenylamine	15.851	169	3548910	47.076	ng		98
67) 4-Bromophenyl-phenylether	16.534	248	1133196	46.426	ng		99
68) Hexachlorobenzene	16.645	284	1240253	45.221	ng		97
69) Atrazine	16.810	200	1154320	49.556	ng		97
70) Pentachlorophenol	16.992	266	1778315	109.986	ng		99
71) Phenanthrene	17.392	178	6290498	44.936	ng		97
72) Anthracene	17.481	178	6371555	48.225	ng		98
73) Carbazole	17.751	167	6238037	49.768	ng		99
74) Di-n-butylphthalate	18.298	149	7473727	53.447	ng		98
75) Fluoranthene	19.351	202	7298821	47.521	ng		94
77) Benzidine	19.528	184	4279955	72.529	ng		98
78) Pyrene	19.704	202	7479450	45.768	ng		96
80) Butylbenzylphthalate	20.575	149	3537471	48.388	ng		93
81) Benzo(a)anthracene	21.416	228	7331898	45.861	ng		95
82) 3,3'-Dichlorobenzidine	21.345	252	2866856	57.364	ng		99
83) Chrysene	21.469	228	6821790	44.284	ng		96
84) Bis(2-ethylhexyl)phtha...	21.333	149	5071126	49.713	ng		99
85) Di-n-octyl phthalate	22.280	149	8713932	50.304	ng	#	90
87) Indeno(1,2,3-cd)pyrene	26.486	276	8865991	47.393	ng	#	92
88) Benzo(b)fluoranthene	23.145	252	8001411	50.415	ng	#	97
89) Benzo(k)fluoranthene	23.192	252	7428462	46.915	ng	#	96
90) Benzo(a)pyrene	23.786	252	6958894	53.318	ng	#	96
91) Dibenzo(a,h)anthracene	26.498	278	7705098	49.582	ng	#	94
92) Benzo(g,h,i)perylene	27.280	276	7542269	49.397	ng	#	92

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

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