Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090622\
Data File : BP011622.D
Acq On : 06 Sep 2022 12:58
Operator : CG/JU
Sample : PB147377BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Sep 07 03:40:02 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP090222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 03 04:07:09 2022
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
PB147377BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 09/07/2022
Supervised By :Jagrut Upadhyay 09/07/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.975	152	516739	20.000	ng		0.00
21) Naphthalene-d8	10.793	136	2092978	20.000	ng	#	0.00
39) Acenaphthene-d10	14.616	164	1196927	20.000	ng		0.00
64) Phenanthrene-d10	17.369	188	2290914	20.000	ng		0.00
76) Chrysene-d12	21.445	240	2192220	20.000	ng		0.00
86) Perylene-d12	23.915	264	2237393	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.528	112	4559019	156.038	ng		0.00
7) Phenol-d6	7.128	99	5536818	143.216	ng		0.00
23) Nitrobenzene-d5	9.140	82	3037012	89.071	ng		0.00
42) 2,4,6-Tribromophenol	16.104	330	1944038	143.753	ng		0.00
45) 2-Fluorobiphenyl	13.245	172	7288577	87.079	ng		0.00
79) Terphenyl-d14	19.922	244	10197710	97.431	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.399	88	423822	36.858	ng	#	80
3) Pyridine	3.799	79	1151508	36.776	ng	#	77
4) n-Nitrosodimethylamine	3.711	42	605425	46.298	ng	#	46
6) Aniline	7.299	93	2146587	48.332	ng		88
8) 2-Chlorophenol	7.534	128	1662210	49.754	ng		89
9) Benzaldehyde	7.105	77	645717m	28.452	ng		
10) Phenol	7.158	94	1993649	49.313	ng		81
11) bis(2-Chloroethyl)ether	7.399	93	1548287	48.727	ng		90
12) 1,3-Dichlorobenzene	7.863	146	1824512	47.741	ng	#	92
13) 1,4-Dichlorobenzene	8.010	146	1863410	47.829	ng		96
14) 1,2-Dichlorobenzene	8.328	146	1800284	48.649	ng		96
15) Benzyl Alcohol	8.216	79	1249969m	48.342	ng		
16) 2,2'-oxybis(1-Chloropr...	8.510	45	1903826	46.486	ng		91
17) 2-Methylphenol	8.416	107	1287068	48.163	ng	#	91
18) Hexachloroethane	9.063	117	627166	47.810	ng		98
19) n-Nitroso-di-n-propyla...	8.787	70	1045286	46.428	ng	#	82
20) 3+4-Methylphenols	8.746	107	1694502	46.788	ng		91
22) Acetophenone	8.805	105	2342606	46.306	ng	#	85
24) Nitrobenzene	9.187	77	1597127	45.360	ng	#	86
25) Isophorone	9.710	82	2856180	46.463	ng	#	93
26) 2-Nitrophenol	9.899	139	644249	42.343	ng	#	78
27) 2,4-Dimethylphenol	9.957	122	1440372	54.039	ng		88
28) bis(2-Chloroethoxy)met...	10.199	93	1909438	49.656	ng		99
29) 2,4-Dichlorophenol	10.434	162	1441242	46.370	ng		94
30) 1,2,4-Trichlorobenzene	10.651	180	1614670	44.272	ng		97
31) Naphthalene	10.840	128	4920295	43.961	ng		100
32) Benzoic acid	10.081	122	676634	39.275	ng	#	84
33) 4-Chloroaniline	10.946	127	1697547	38.446	ng	#	91
34) Hexachlorobutadiene	11.128	225	960665	44.269	ng		98
35) Caprolactam	11.722	113	391768	43.746	ng	#	66
36) 4-Chloro-3-methylphenol	12.063	107	1404618	45.863	ng		87
37) 2-Methylnaphthalene	12.445	142	3325072	43.638	ng		96
38) 1-Methylnaphthalene	12.663	142	3150644	42.451	ng		98
40) 1,2,4,5-Tetrachloroben...	12.810	216	1756946	46.736	ng		99
41) Hexachlorocyclopentadiene	12.793	237	2267392	127.580	ng		99
43) 2,4,6-Trichlorophenol	13.045	196	1059350	47.088	ng		99

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	13.116	196	1178533	45.890	ng		95
46)	1,1'-Biphenyl	13.451	154	4201560	45.700	ng		98
47)	2-Chloronaphthalene	13.492	162	3188997	44.624	ng		97
48)	2-Nitroaniline	13.692	65	770783	42.120	ng	#	74
49)	Acenaphthylene	14.339	152	4907754	44.760	ng		99
50)	Dimethylphthalate	14.075	163	3761934	43.171	ng		100
51)	2,6-Dinitrotoluene	14.187	165	794311	47.161	ng	#	79
52)	Acenaphthene	14.681	154	3370631m	47.484	ng		
53)	3-Nitroaniline	14.516	138	754803	40.407	ng		84
54)	2,4-Dinitrophenol	14.716	184	653646	93.067	ng	#	82
55)	Dibenzofuran	15.016	168	4692707	43.876	ng		96
56)	4-Nitrophenol	14.816	139	1482008	98.628	ng	#	68
57)	2,4-Dinitrotoluene	14.969	165	1040224	43.490	ng	#	83
58)	Fluorene	15.663	166	3822940	43.652	ng		99
59)	2,3,4,6-Tetrachlorophenol	15.234	232	956449	44.128	ng		97
60)	Diethylphthalate	15.439	149	3689503	43.543	ng		99
61)	4-Chlorophenyl-phenyle...	15.657	204	1937839	44.878	ng		93
62)	4-Nitroaniline	15.681	138	864532	41.645	ng	#	77
63)	Azobenzene	15.951	77	3279325	43.531	ng		88
65)	4,6-Dinitro-2-methylph...	15.734	198	394016	40.864	ng	#	83
66)	n-Nitrosodiphenylamine	15.875	169	3235282	46.427	ng		97
67)	4-Bromophenyl-phenylether	16.557	248	1147870	46.102	ng		94
68)	Hexachlorobenzene	16.669	284	1346457	45.827	ng		91
69)	Atrazine	16.828	200	1009793	48.746	ng		99
70)	Pentachlorophenol	17.010	266	1623889	101.669	ng		100
71)	Phenanthrene	17.410	178	5706060	44.638	ng		98
72)	Anthracene	17.504	178	5707093	47.128	ng		98
73)	Carbazole	17.769	167	5226451	46.649	ng		99
74)	Di-n-butylphthalate	18.322	149	5897332	46.628	ng		99
75)	Fluoranthene	19.369	202	6391448	45.355	ng		97
77)	Benzidine	19.545	184	4519941	107.869	ng		97
78)	Pyrene	19.722	202	6564161	45.048	ng		98
80)	Butylbenzylphthalate	20.598	149	2424712	42.080	ng		87
81)	Benzo(a)anthracene	21.433	228	6467271	44.941	ng		96
82)	3,3'-Dichlorobenzidine	21.357	252	2502542	53.309	ng		100
83)	Chrysene	21.486	228	6057479	44.487	ng		97
84)	Bis(2-ethylhexyl)phtha...	21.363	149	3771091	44.114	ng		97
85)	Di-n-octyl phthalate	22.316	149	6046200	45.815	ng	#	90
87)	Indeno(1,2,3-cd)pyrene	26.515	276	8021560	47.117	ng		97
88)	Benzo(b)fluoranthene	23.163	252	6770763	48.237	ng		99
89)	Benzo(k)fluoranthene	23.215	252	6819651	47.097	ng		98
90)	Benzo(a)pyrene	23.810	252	5922142	51.063	ng		98
91)	Dibenzo(a,h)anthracene	26.539	278	7140767	49.998	ng		99
92)	Benzo(g,h,i)perylene	27.315	276	6832689	49.763	ng		98

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

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