Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032723\
Data File : BP014318.D
Acq On : 27 Mar 2023 18:24
Operator : CG/JU
Sample : PB151659BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 28 02:10:37 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 25 03:19:01 2023
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
PB151659BSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/28/2023
Supervised By :Jagrut Upadhyay 03/28/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.022	152	115789	20.000	ng		0.00
21) Naphthalene-d8	10.845	136	421531	20.000	ng	#	0.00
39) Acenaphthene-d10	14.674	164	257897	20.000	ng		0.00
64) Phenanthrene-d10	17.433	188	558256	20.000	ng	#	0.00
76) Chrysene-d12	21.515	240	509327	20.000	ng		0.00
86) Perylene-d12	24.033	264	554341	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.575	112	804784	112.718	ng		0.00
7) Phenol-d6	7.192	99	1055196	112.566	ng		0.00
23) Nitrobenzene-d5	9.204	82	675479	73.241	ng		0.00
42) 2,4,6-Tribromophenol	16.168	330	405893	97.071	ng		0.00
45) 2-Fluorobiphenyl	13.292	172	1370779	68.863	ng		0.00
79) Terphenyl-d14	19.968	244	1963791	63.578	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.434	88	150382	48.483	ng		93
3) Pyridine	3.846	79	381498	44.289	ng		96
4) n-Nitrosodimethylamine	3.757	42	184446	48.240	ng	#	99
6) Aniline	7.357	93	449888	36.536	ng		98
8) 2-Chlorophenol	7.587	128	374013	48.910	ng		91
9) Benzaldehyde	7.163	77	158088m	33.701	ng		
10) Phenol	7.216	94	502739	51.531	ng		100
11) bis(2-Chloroethyl)ether	7.445	93	405249	52.462	ng		97
12) 1,3-Dichlorobenzene	7.910	146	411494	48.969	ng		98
13) 1,4-Dichlorobenzene	8.063	146	415127	48.831	ng		99
14) 1,2-Dichlorobenzene	8.381	146	394570	48.458	ng		97
15) Benzyl Alcohol	8.275	79	370228	48.442	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.563	45	501987m	59.690	ng		
17) 2-Methylphenol	8.475	107	326780	46.965	ng		99
18) Hexachloroethane	9.110	117	157076	49.184	ng		95
19) n-Nitroso-di-n-propyla...	8.839	70	308941	50.071	ng		98
20) 3+4-Methylphenols	8.804	107	432628	46.168	ng		97
22) Acetophenone	8.863	105	576672	48.772	ng	#	98
24) Nitrobenzene	9.245	77	469976	49.803	ng		97
25) Isophorone	9.769	82	816542	48.050	ng		96
26) 2-Nitrophenol	9.957	139	193255	47.082	ng		94
27) 2,4-Dimethylphenol	10.016	122	332287	49.788	ng		98
28) bis(2-Chloroethoxy)met...	10.251	93	490898	49.910	ng		98
29) 2,4-Dichlorophenol	10.504	162	346790	47.468	ng		97
30) 1,2,4-Trichlorobenzene	10.710	180	379215	45.719	ng		100
31) Naphthalene	10.898	128	1100657	47.519	ng		99
32) Benzoic acid	10.175	122	212961	39.038	ng		95
33) 4-Chloroaniline	11.028	127	246898	24.866	ng		95
34) Hexachlorobutadiene	11.175	225	255436	42.358	ng		99
35) Caprolactam	11.822	113	102473	49.001	ng		85
36) 4-Chloro-3-methylphenol	12.139	107	397896	48.834	ng		96
37) 2-Methylnaphthalene	12.504	142	752668	44.046	ng		98
38) 1-Methylnaphthalene	12.722	142	698160	43.830	ng		99
40) 1,2,4,5-Tetrachloroben...	12.869	216	436572	44.411	ng	#	98
41) Hexachlorocyclopentadiene	12.839	237	615603	99.786	ng		99
43) 2,4,6-Trichlorophenol	13.110	196	283603	45.641	ng		99

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	13.192	196	306367	42.549	ng		99
46)	1,1'-Biphenyl	13.504	154	982413	47.325	ng		98
47)	2-Chloronaphthalene	13.551	162	770947	48.244	ng		98
48)	2-Nitroaniline	13.763	65	261087	53.835	ng		95
49)	Acenaphthylene	14.398	152	1201075	47.262	ng		100
50)	Dimethylphthalate	14.127	163	959889	45.116	ng		100
51)	2,6-Dinitrotoluene	14.257	165	208805	46.603	ng		97
52)	Acenaphthene	14.739	154	715271	46.756	ng		99
53)	3-Nitroaniline	14.592	138	192668	43.878	ng		95
54)	2,4-Dinitrophenol	14.798	184	269669	81.129	ng		93
55)	Dibenzofuran	15.074	168	1152912	46.228	ng		99
56)	4-Nitrophenol	14.904	139	334521	93.556	ng		93
57)	2,4-Dinitrotoluene	15.045	165	288315	48.139	ng		99
58)	Fluorene	15.721	166	925420	46.731	ng		99
59)	2,3,4,6-Tetrachlorophenol	15.298	232	274300	43.668	ng		95
60)	Diethylphthalate	15.486	149	959651	45.683	ng		99
61)	4-Chlorophenyl-phenyle...	15.710	204	487785	43.451	ng		96
62)	4-Nitroaniline	15.757	138	210847	48.224	ng		91
63)	Azobenzene	16.010	77	1022992	52.628	ng		96
65)	4,6-Dinitro-2-methylph...	15.810	198	170780	41.301	ng		92
66)	n-Nitrosodiphenylamine	15.933	169	792588	44.930	ng		100
67)	4-Bromophenyl-phenylether	16.610	248	303205	41.061	ng		94
68)	Hexachlorobenzene	16.727	284	349846	44.200	ng		95
69)	Atrazine	16.886	200	291928	47.135	ng		99
70)	Pentachlorophenol	17.080	266	438137	76.753	ng		96
71)	Phenanthrene	17.474	178	1425397	45.705	ng		99
72)	Anthracene	17.568	178	1447976	45.439	ng		99
73)	Carbazole	17.839	167	1292759	47.030	ng		99
74)	Di-n-butylphthalate	18.368	149	1604371	46.682	ng		99
75)	Fluoranthene	19.433	202	1647677	44.201	ng		98
77)	Benzidine	19.615	184	889328	92.958	ng		99
78)	Pyrene	19.786	202	1712917	43.817	ng		100
80)	Butylbenzylphthalate	20.645	149	697503	47.063	ng		97
81)	Benzo(a)anthracene	21.498	228	1662139	44.477	ng		99
82)	3,3'-Dichlorobenzidine	21.433	252	547236	45.764	ng		98
83)	Chrysene	21.556	228	1572175	44.423	ng		99
84)	Bis(2-ethylhexyl)phtha...	21.398	149	1005278	46.236	ng		98
85)	Di-n-octyl phthalate	22.356	149	1688712	47.847	ng		97
87)	Indeno(1,2,3-cd)pyrene	26.680	276	2003250	46.770	ng		98
88)	Benzo(b)fluoranthene	23.262	252	1696055	46.725	ng		99
89)	Benzo(k)fluoranthene	23.309	252	1625795	45.175	ng	#	99
90)	Benzo(a)pyrene	23.921	252	1450801	41.903	ng		99
91)	Dibenzo(a,h)anthracene	26.697	278	1674324	47.020	ng		98
92)	Benzo(g,h,i)perylene	27.497	276	1623126	45.995	ng		99

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

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