Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011022\
Data File : BP008747.D
Acq On : 10 Jan 2022 12:30
Operator : CG/JU
Sample : PB141870BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jan 10 16:34:02 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP010622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 07 07:45:52 2022
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
PB141870BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 01/11/2022
Supervised By :Jagrut Upadhyay 01/11/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.869	152	429032	20.000	ng		-0.01
21) Naphthalene-d8	10.675	136	1797391	20.000	ng		0.00
39) Acenaphthene-d10	14.510	164	1225765	20.000	ng		0.00
64) Phenanthrene-d10	17.263	188	2274732	20.000	ng		0.00
76) Chrysene-d12	21.351	240	2349493	20.000	ng		0.00
86) Perylene-d12	23.780	264	2729997	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.458	112	3397622	124.013	ng		0.00
7) Phenol-d6	7.052	99	4229300	114.992	ng		0.00
23) Nitrobenzene-d5	9.034	82	2592263	81.678	ng		0.00
42) 2,4,6-Tribromophenol	16.004	330	2197360	106.256	ng		0.00
45) 2-Fluorobiphenyl	13.134	172	6847973	78.543	ng		0.00
79) Terphenyl-d14	19.822	244	9817644	85.154	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.352	88	299909	29.024	ng		98
3) Pyridine	3.752	79	792179	32.592	ng		98
4) n-Nitrosodimethylamine	3.664	42	424515	39.196	ng		93
6) Aniline	7.199	93	916613	19.839	ng		98
8) 2-Chlorophenol	7.440	128	1366956	44.148	ng		99
9) Benzaldehyde	7.005	77	723535	29.067	ng		98
10) Phenol	7.075	94	1598664	42.477	ng		97
11) bis(2-Chloroethyl)ether	7.293	93	1181773	40.510	ng		99
12) 1,3-Dichlorobenzene	7.763	146	1367457	39.092	ng		98
13) 1,4-Dichlorobenzene	7.905	146	1414036	39.556	ng		99
14) 1,2-Dichlorobenzene	8.222	146	1370284	39.530	ng		99
15) Benzyl Alcohol	8.116	79	1108932	40.587	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.405	45	1320876	39.726	ng		99
17) 2-Methylphenol	8.322	107	1106547	42.647	ng		98
18) Hexachloroethane	8.952	117	471370	39.202	ng		99
19) n-Nitroso-di-n-propyla...	8.687	70	868960	36.390	ng		98
20) 3+4-Methylphenols	8.652	107	1494401	41.510	ng		98
22) Acetophenone	8.699	105	1842978	38.861	ng	#	98
24) Nitrobenzene	9.075	77	1330432	41.410	ng		97
25) Isophorone	9.604	82	2402973	38.498	ng		99
26) 2-Nitrophenol	9.787	139	719734	42.957	ng		97
27) 2,4-Dimethylphenol	9.852	122	1216381	40.530	ng		99
28) bis(2-Chloroethoxy)met...	10.087	93	1572960	40.416	ng		100
29) 2,4-Dichlorophenol	10.328	162	1393266	43.306	ng		100
30) 1,2,4-Trichlorobenzene	10.540	180	1440120	41.088	ng		100
31) Naphthalene	10.728	128	3932117	40.461	ng		100
32) Benzoic acid	10.034	122	847575	42.241	ng		98
33) 4-Chloroaniline	10.834	127	570512	13.080	ng		99
34) Hexachlorobutadiene	11.016	225	860927	40.627	ng		99
35) Caprolactam	11.640	113	428954	37.519	ng		97
36) 4-Chloro-3-methylphenol	11.969	107	1328811	40.778	ng		100
37) 2-Methylnaphthalene	12.334	142	2948287	38.560	ng		99
38) 1-Methylnaphthalene	12.557	142	2729925	38.442	ng		100
40) 1,2,4,5-Tetrachloroben...	12.710	216	1693569	41.565	ng		99
41) Hexachlorocyclopentadiene	12.693	237	1945894	80.330	ng		100
43) 2,4,6-Trichlorophenol	12.945	196	1165703	42.969	ng		99

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44)	2,4,5-Trichlorophenol	13.022	196	1264545	42.405	ng	98
46)	1,1'-Biphenyl	13.345	154	3946668	41.304	ng	100
47)	2-Chloronaphthalene	13.387	162	3015402	41.116	ng	99
48)	2-Nitroaniline	13.587	65	773830	43.227	ng	97
49)	Acenaphthylene	14.234	152	4734445	40.635	ng	100
50)	Dimethylphthalate	13.975	163	3897553	40.012	ng	100
51)	2,6-Dinitrotoluene	14.087	165	876650	41.615	ng	97
52)	Acenaphthene	14.575	154	2815822	40.351	ng	100
53)	3-Nitroaniline	14.410	138	439585	20.446	ng	96
54)	2,4-Dinitrophenol	14.622	184	946542	88.107	ng	96
55)	Dibenzofuran	14.910	168	4573682	39.742	ng	99
56)	4-Nitrophenol	14.734	139	1472117	82.228	ng	95
57)	2,4-Dinitrotoluene	14.875	165	1205739	41.933	ng	94
58)	Fluorene	15.557	166	3686323	39.792	ng	99
59)	2,3,4,6-Tetrachlorophenol	15.139	232	1110181m	41.428	ng	
60)	Diethylphthalate	15.339	149	3787116	40.095	ng	99
61)	4-Chlorophenyl-phenyle...	15.551	204	1980780	39.852	ng	97
62)	4-Nitroaniline	15.581	138	844527	37.832	ng	94
63)	Azobenzene	15.845	77	3146744	42.501	ng	95
65)	4,6-Dinitro-2-methylph...	15.639	198	618971	49.043	ng	93
66)	n-Nitrosodiphenylamine	15.769	169	3313196	48.062	ng	100
67)	4-Bromophenyl-phenylether	16.451	248	1268387	47.127	ng	99
68)	Hexachlorobenzene	16.575	284	1368655	43.707	ng	97
69)	Atrazine	16.728	200	1115992	39.882	ng	99
70)	Pentachlorophenol	16.916	266	1727736	88.382	ng	99
71)	Phenanthrene	17.304	178	5301230	41.945	ng	99
72)	Anthracene	17.398	178	5364490	41.562	ng	100
73)	Carbazole	17.669	167	4851780	41.016	ng	100
74)	Di-n-butylphthalate	18.222	149	5707051	42.138	ng	99
75)	Fluoranthene	19.275	202	6287062	41.542	ng	97
77)	Benzidine	19.451	184	1804656	17.951	ng	98
78)	Pyrene	19.622	202	6480678	42.185	ng	99
80)	Butylbenzylphthalate	20.498	149	2668160	42.477	ng	99
81)	Benzo(a)anthracene	21.339	228	6443106	41.801	ng	98
82)	3,3'-Dichlorobenzidine	21.269	252	1706121	24.365	ng	99
83)	Chrysene	21.392	228	6224391	41.862	ng	98
84)	Bis(2-ethylhexyl)phtha...	21.269	149	3958262	43.161	ng	99
85)	Di-n-octyl phthalate	22.198	149	7043955	43.274	ng	99
87)	Indeno(1,2,3-cd)pyrene	26.327	276	9438796	43.269	ng	97
88)	Benzo(b)fluoranthene	23.039	252	7384062	41.396	ng	100
89)	Benzo(k)fluoranthene	23.092	252	7227531	43.295	ng	99
90)	Benzo(a)pyrene	23.674	252	7312245	42.413	ng	99
91)	Dibenzo(a,h)anthracene	26.339	278	8002063	43.414	ng	98
92)	Benzo(g,h,i)perylene	27.104	276	7919603	43.285	ng	98

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

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