Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012622\
Data File : BP008927.D
Acq On : 26 Jan 2022 13:41
Operator : CG/JU
Sample : PB142257BSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jan 27 05:21:08 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 26 01:52:51 2022
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
PB142257BSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 01/27/2022
Supervised By :mohammad ahmed 01/31/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.840	152	408106	20.000	ng		0.00
21) Naphthalene-d8	10.646	136	1609827	20.000	ng		0.00
39) Acenaphthene-d10	14.481	164	1031778	20.000	ng		0.00
64) Phenanthrene-d10	17.239	188	2064735	20.000	ng		0.00
76) Chrysene-d12	21.333	240	1741107	20.000	ng		0.00
86) Perylene-d12	23.745	264	1406748	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.428	112	3025239	114.634	ng		0.00
7) Phenol-d6	7.028	99	3643265	114.004	ng		0.00
23) Nitrobenzene-d5	9.004	82	2219514	78.275	ng		0.00
42) 2,4,6-Tribromophenol	15.981	330	1805239	120.200	ng		0.00
45) 2-Fluorobiphenyl	13.110	172	5715768	73.055	ng		0.00
79) Terphenyl-d14	19.804	244	8244355	79.926	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.334	88	278004	26.026	ng		97
3) Pyridine	3.728	79	678803	30.342	ng		95
4) n-Nitrosodimethylamine	3.640	42	404232	38.512	ng	#	88
6) Aniline	7.169	93	1192532	29.898	ng		98
8) 2-Chlorophenol	7.410	128	1170557	41.647	ng		98
9) Benzaldehyde	6.981	77	599906	28.087	ng		99
10) Phenol	7.052	94	1381717	42.410	ng		94
11) bis(2-Chloroethyl)ether	7.269	93	1030757	39.764	ng		97
12) 1,3-Dichlorobenzene	7.728	146	1226625	36.647	ng		98
13) 1,4-Dichlorobenzene	7.875	146	1258277	37.092	ng		99
14) 1,2-Dichlorobenzene	8.193	146	1216080	37.596	ng		98
15) Benzyl Alcohol	8.087	79	941799	42.008	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.375	45	1148580	39.622	ng		99
17) 2-Methylphenol	8.299	107	918780	42.094	ng		97
18) Hexachloroethane	8.922	117	430792	37.416	ng		97
19) n-Nitroso-di-n-propyla...	8.657	70	754349	40.381	ng		98
20) 3+4-Methylphenols	8.628	107	1235538	42.641	ng		98
22) Acetophenone	8.669	105	1609710	39.253	ng	#	98
24) Nitrobenzene	9.046	77	1139712	39.792	ng		97
25) Isophorone	9.581	82	2040274	39.816	ng		100
26) 2-Nitrophenol	9.757	139	632743	42.021	ng		94
27) 2,4-Dimethylphenol	9.828	122	1009026	39.302	ng		98
28) bis(2-Chloroethoxy)met...	10.057	93	1329237	39.751	ng		100
29) 2,4-Dichlorophenol	10.299	162	1148856	41.007	ng		99
30) 1,2,4-Trichlorobenzene	10.510	180	1246662	37.988	ng		98
31) Naphthalene	10.693	128	3320291	37.974	ng		100
32) Benzoic acid	10.034	122	747461	50.731	ng		98
33) 4-Chloroaniline	10.810	127	470696	13.210	ng		99
34) Hexachlorobutadiene	10.981	225	772049	37.654	ng		100
35) Caprolactam	11.622	113	332618m	43.067	ng		
36) 4-Chloro-3-methylphenol	11.951	107	1067393	42.231	ng		99
37) 2-Methylnaphthalene	12.304	142	2490629	38.966	ng		97
38) 1-Methylnaphthalene	12.528	142	2289875	39.030	ng		100
40) 1,2,4,5-Tetrachloroben...	12.681	216	1456795	38.724	ng		99
41) Hexachlorocyclopentadiene	12.657	237	1433646	74.477	ng		99
43) 2,4,6-Trichlorophenol	12.922	196	945287	40.640	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.998	196	1031849	41.217	ng	97
46) 1,1'-Biphenyl	13.316	154	3226983	38.442	ng	99
47) 2-Chloronaphthalene	13.357	162	2476266	38.257	ng	99
48) 2-Nitroaniline	13.563	65	614912	42.786	ng	94
49) Acenaphthylene	14.204	152	3777838	38.631	ng	100
50) Dimethylphthalate	13.951	163	3081381	40.212	ng	100
51) 2,6-Dinitrotoluene	14.063	165	687494	42.302	ng	93
52) Acenaphthene	14.551	154	2271122	39.156	ng	100
53) 3-Nitroaniline	14.392	138	382341	23.921	ng	98
54) 2,4-Dinitrophenol	14.610	184	718276	109.281	ng	94
55) Dibenzofuran	14.887	168	3702268	39.173	ng	99
56) 4-Nitrophenol	14.728	139	1060685	92.158	ng	94
57) 2,4-Dinitrotoluene	14.857	165	941387	45.034	ng	91
58) Fluorene	15.534	166	2967415	39.751	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.116	232	872943m	42.331	ng	
60) Diethylphthalate	15.310	149	2996735	41.216	ng	99
61) 4-Chlorophenyl-phenyle...	15.528	204	1632839	40.153	ng	100
62) 4-Nitroaniline	15.563	138	647310	41.817	ng	90
63) Azobenzene	15.822	77	2530077	41.913	ng	95
65) 4,6-Dinitro-2-methylph...	15.628	198	485731	47.087	ng	94
66) n-Nitrosodiphenylamine	15.745	169	2628985	39.562	ng	99
67) 4-Bromophenyl-phenylether	16.422	248	1044571	40.515	ng	98
68) Hexachlorobenzene	16.545	284	1168299	39.544	ng	96
69) Atrazine	16.710	200	985821	39.921	ng	98
70) Pentachlorophenol	16.898	266	1413460	89.817	ng	100
71) Phenanthrene	17.280	178	4620903	39.749	ng	100
72) Anthracene	17.375	178	4684663	40.171	ng	99
73) Carbazole	17.645	167	4104575	40.933	ng	99
74) Di-n-butylphthalate	18.198	149	5128800	42.501	ng	99
75) Fluoranthene	19.251	202	5278060	40.827	ng	98
77) Benzidine	19.427	184	1611924	26.206	ng	98
78) Pyrene	19.604	202	5334700	43.912	ng	99
80) Butylbenzylphthalate	20.474	149	2143096	43.862	ng	98
81) Benzo(a)anthracene	21.316	228	4669211	39.862	ng	99
82) 3,3'-Dichlorobenzidine	21.245	252	1357900	26.834	ng	98
83) Chrysene	21.369	228	4458645	39.266	ng	98
84) Bis(2-ethylhexyl)phtha...	21.239	149	3093452	40.883	ng	97
85) Di-n-octyl phthalate	22.168	149	4874151	38.080	ng	100
87) Indeno(1,2,3-cd)pyrene	26.274	276	4513509	38.937	ng	98
88) Benzo(b)fluoranthene	23.010	252	4273539	45.489	ng	99
89) Benzo(k)fluoranthene	23.057	252	4031049	44.327	ng	99
90) Benzo(a)pyrene	23.639	252	3885069	42.844	ng	99
91) Dibenzo(a,h)anthracene	26.280	278	3860972	39.171	ng	99
92) Benzo(g,h,i)perylene	27.045	276	3698435	38.430	ng	99

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

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