Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010422\
Data File : BP008656.D
Acq On : 04 Jan 2022 11:40
Operator : CG/JU
Sample : PB141727BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jan 04 13:13:45 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP122821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 30 08:44:33 2021
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
PB141727BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 01/05/2022
Supervised By :Jagrut Upadhyay 01/05/2022

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.887	152	524400	20.000	ng		-0.01
21) Naphthalene-d8	10.687	136	2132030	20.000	ng		-0.01
39) Acenaphthene-d10	14.522	164	1452031	20.000	ng		0.00
64) Phenanthrene-d10	17.269	188	3170260	20.000	ng		0.00
76) Chrysene-d12	21.351	240	3336844	20.000	ng		-0.01
86) Perylene-d12	23.774	264	3723511	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.469	112	3565520	124.104	ng		0.00
7) Phenol-d6	7.063	99	4402540	110.092	ng		0.00
23) Nitrobenzene-d5	9.046	82	2566004	71.598	ng		-0.01
42) 2,4,6-Tribromophenol	16.010	330	2559148	130.267	ng		0.00
45) 2-Fluorobiphenyl	13.145	172	7213490	71.975	ng		-0.01
79) Terphenyl-d14	19.827	244	11691065	71.537	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.369	88	362472	31.230	ng		98
3) Pyridine	3.764	79	794338	25.090	ng		99
4) n-Nitrosodimethylamine	3.675	42	421836	41.264	ng		100
6) Aniline	7.210	93	1268506	27.293	ng		100
8) 2-Chlorophenol	7.452	128	1466092	43.321	ng		100
9) Benzaldehyde	7.022	77	268941	11.816	ng		99
10) Phenol	7.087	94	1716748	42.524	ng		99
11) bis(2-Chloroethyl)ether	7.310	93	1272009	39.067	ng		99
12) 1,3-Dichlorobenzene	7.775	146	1539499	38.862	ng		99
13) 1,4-Dichlorobenzene	7.922	146	1581029	39.237	ng		98
14) 1,2-Dichlorobenzene	8.240	146	1525813	38.761	ng		99
15) Benzyl Alcohol	8.128	79	1109833	38.746	ng		100
16) 2,2'-oxybis(1-Chloropr...	8.416	45	1337813	36.108	ng		99
17) 2-Methylphenol	8.334	107	1165150	41.474	ng		99
18) Hexachloroethane	8.969	117	515201	39.218	ng		96
19) n-Nitroso-di-n-propyla...	8.699	70	892476	34.948	ng		100
20) 3+4-Methylphenols	8.663	107	1565286	39.660	ng		99
22) Acetophenone	8.710	105	1977964	38.689	ng	#	99
24) Nitrobenzene	9.087	77	1354853	39.693	ng		99
25) Isophorone	9.622	82	2469705	36.888	ng		100
26) 2-Nitrophenol	9.799	139	759447	46.845	ng		100
27) 2,4-Dimethylphenol	9.869	122	1337323	45.715	ng		99
28) bis(2-Chloroethoxy)met...	10.098	93	1646382	35.518	ng		99
29) 2,4-Dichlorophenol	10.340	162	1490380	42.095	ng		99
30) 1,2,4-Trichlorobenzene	10.551	180	1588712	38.053	ng		100
31) Naphthalene	10.740	128	4245942	38.369	ng		100
32) Benzoic acid	10.022	122	955142	51.694	ng		99
33) 4-Chloroaniline	10.845	127	772232	16.274	ng		99
34) Hexachlorobutadiene	11.034	225	968304	38.204	ng		100
35) Caprolactam	11.640	113	451578	38.804	ng		97
36) 4-Chloro-3-methylphenol	11.975	107	1401856	39.610	ng		98
37) 2-Methylnaphthalene	12.345	142	3227083	38.742	ng		99
38) 1-Methylnaphthalene	12.569	142	2985390	36.658	ng		100
40) 1,2,4,5-Tetrachloroben...	12.722	216	1878786	41.071	ng		99
41) Hexachlorocyclopentadiene	12.704	237	2310377	94.977	ng		99
43) 2,4,6-Trichlorophenol	12.957	196	1253117	42.104	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.028	196	1385723	42.167	ng	99
46) 1,1'-Biphenyl	13.357	154	4241069	39.489	ng	99
47) 2-Chloronaphthalene	13.398	162	3256164	38.685	ng	99
48) 2-Nitroaniline	13.592	65	771870	41.832	ng	98
49) Acenaphthylene	14.239	152	5161168	39.919	ng	100
50) Dimethylphthalate	13.981	163	4178327	37.361	ng	100
51) 2,6-Dinitrotoluene	14.092	165	951341	41.455	ng	97
52) Acenaphthene	14.586	154	3614499m	42.728	ng	
53) 3-Nitroaniline	14.416	138	605269	25.341	ng	99
54) 2,4-Dinitrophenol	14.628	184	1028928	100.665	ng	97
55) Dibenzofuran	14.916	168	5054594	37.272	ng	100
56) 4-Nitrophenol	14.734	139	1660079	88.262	ng	98
57) 2,4-Dinitrotoluene	14.881	165	1324934	43.270	ng	99
58) Fluorene	15.569	166	4063130	38.448	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.145	232	1248092m	42.393	ng	
60) Diethylphthalate	15.345	149	4090801	37.421	ng	100
61) 4-Chlorophenyl-phenyle...	15.563	204	2191111	37.220	ng	99
62) 4-Nitroaniline	15.586	138	940927	38.789	ng	97
63) Azobenzene	15.857	77	3232079	36.632	ng	99
65) 4,6-Dinitro-2-methylph...	15.645	198	687956	43.155	ng	99
66) n-Nitrosodiphenylamine	15.775	169	3703793	38.711	ng	99
67) 4-Bromophenyl-phenylether	16.457	248	1467784	42.312	ng	100
68) Hexachlorobenzene	16.581	284	1720509	40.405	ng	97
69) Atrazine	16.733	200	1416447	39.577	ng	99
70) Pentachlorophenol	16.922	266	2254905	97.224	ng	100
71) Phenanthrene	17.310	178	6671131	39.031	ng	99
72) Anthracene	17.404	178	6780268	40.712	ng	100
73) Carbazole	17.675	167	6173669	37.769	ng	99
74) Di-n-butylphthalate	18.227	149	7080085	39.591	ng	100
75) Fluoranthene	19.274	202	8139645	41.402	ng	98
77) Benzidine	19.451	184	3067460	30.598	ng	99
78) Pyrene	19.627	202	8338085	38.410	ng	99
80) Butylbenzylphthalate	20.504	149	3379142	39.027	ng	96
81) Benzo(a)anthracene	21.339	228	8317110	38.421	ng	99
82) 3,3'-Dichlorobenzidine	21.268	252	2661832	33.442	ng	99
83) Chrysene	21.392	228	8076430	39.899	ng	99
84) Bis(2-ethylhexyl)phtha...	21.268	149	4915747	37.583	ng	99
85) Di-n-octyl phthalate	22.198	149	8700685	42.976	ng	99
87) Indeno(1,2,3-cd)pyrene	26.309	276	10284218	41.118	ng	98
88) Benzo(b)fluoranthene	23.039	252	9679926	40.424	ng	99
89) Benzo(k)fluoranthene	23.086	252	9012273	37.859	ng	99
90) Benzo(a)pyrene	23.668	252	9176950	47.538	ng	100
91) Dibenzo(a,h)anthracene	26.321	278	8786667	41.644	ng	98
92) Benzo(g,h,i)perylene	27.080	276	8370320	42.425	ng	99

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

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