Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122320\
Data File : BP004421.D
Acq On : 23 Dec 2020 13:10
Operator : CG/JU
Sample : PB133592BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : PB133592BSD

Quant Time: Dec 23 14:12:19 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP121120.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 15 10:27:21 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.828	152	227223	20.00	ng		0.00
21) Naphthalene-d8	10.622	136	809876	20.00	ng		# 0.00
39) Acenaphthene-d10	14.475	164	449109	20.00	ng		0.00
64) Phenanthrene-d10	17.233	188	904092	20.00	ng		# 0.00
76) Chrysene-d12	21.327	240	926020	20.00	ng		0.00
86) Perylene-d12	23.686	264	1045837	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.416	112	1555057	112.14	ng		0.00
7) Phenol-d6	6.999	99	2006791	102.79	ng		0.00
23) Nitrobenzene-d5	8.987	82	1130166	66.34	ng		0.00
42) 2,4,6-Tribromophenol	15.975	330	690462	115.22	ng		0.00
45) 2-Fluorobiphenyl	13.093	172	2461737	69.47	ng		0.00
79) Terphenyl-d14	19.798	244	3345772	69.25	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.352	88	249201	37.91	ng		91
3) Pyridine	3.734	79	653297	36.64	ng		94
4) n-Nitrosodimethylamine	3.652	42	214226	37.21	ng	#	87
6) Aniline	7.158	93	703846	31.28	ng		93
8) 2-Chlorophenol	7.393	128	652164	44.05	ng		88
9) Benzaldehyde	6.969	77	125322	10.30	ng		85
10) Phenol	7.028	94	798845	41.40	ng		96
11) bis(2-Chloroethyl)ether	7.252	93	655964	40.88	ng		90
12) 1,3-Dichlorobenzene	7.716	146	806276	42.27	ng	#	95
13) 1,4-Dichlorobenzene	7.863	146	811104	42.24	ng		98
14) 1,2-Dichlorobenzene	8.181	146	761852	41.88	ng		98
15) Benzyl Alcohol	8.063	79	512825	42.25	ng		92
16) 2,2'-oxybis(1-Chloropr...	8.357	45	711573	34.78	ng		91
17) 2-Methylphenol	8.269	107	526283	42.77	ng		97
18) Hexachloroethane	8.905	117	296308	42.62	ng		97
19) n-Nitroso-di-n-propyla...	8.634	70	451864	39.14	ng	#	91
20) 3+4-Methylphenols	8.599	107	702128	42.95	ng		98
22) Acetophenone	8.646	105	944737	43.22	ng	#	94
24) Nitrobenzene	9.028	77	716601	42.69	ng	#	85
25) Isophorone	9.552	82	1244410	44.44	ng	#	91
26) 2-Nitrophenol	9.740	139	345636	50.47	ng	#	89
27) 2,4-Dimethylphenol	9.799	122	548575	51.92	ng		96
28) bis(2-Chloroethoxy)met...	10.034	93	792521	39.77	ng		98
29) 2,4-Dichlorophenol	10.275	162	589945	47.51	ng		97
30) 1,2,4-Trichlorobenzene	10.487	180	722057	43.48	ng		99
31) Naphthalene	10.675	128	2000387	43.46	ng		100
32) Benzoic acid	9.928	122	304475	43.90	ng		85
33) 4-Chloroaniline	10.781	127	389472	20.95	ng	#	95
34) Hexachlorobutadiene	10.963	225	456468	43.87	ng		100
35) Caprolactam	11.546	113	167211	40.99	ng	#	58
36) 4-Chloro-3-methylphenol	11.916	107	555241	44.57	ng		94
37) 2-Methylnaphthalene	12.287	142	1362826	42.37	ng		99
38) 1-Methylnaphthalene	12.510	142	1262875	41.38	ng		99
40) 1,2,4,5-Tetrachloroben...	12.663	216	758116	46.67	ng		99
41) Hexachlorocyclopentadiene	12.640	237	959589	117.80	ng		99
43) 2,4,6-Trichlorophenol	12.904	196	452495	45.88	ng		100

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270E-BP121120.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.975	196	475087	45.36	ng		97
46) 1,1'-Biphenyl	13.304	154	1672965	44.09	ng		98
47) 2-Chloronaphthalene	13.345	162	1317103	42.30	ng		99
48) 2-Nitroaniline	13.551	65	323217	37.70	ng	#	74
49) Acenaphthylene	14.198	152	2008508	43.84	ng		100
50) Dimethylphthalate	13.934	163	1506682	40.77	ng		100
51) 2,6-Dinitrotoluene	14.051	165	345937	44.54	ng	#	86
52) Acenaphthene	14.540	154	1186871	41.53	ng		99
53) 3-Nitroaniline	14.381	138	205001	24.09	ng	#	82
54) 2,4-Dinitrophenol	14.592	184	341269	93.33	ng	#	88
55) Dibenzofuran	14.875	168	1904189	42.10	ng		99
56) 4-Nitrophenol	14.698	139	551193	86.54	ng	#	86
57) 2,4-Dinitrotoluene	14.845	165	461084	42.30	ng	#	84
58) Fluorene	15.528	166	1492759	42.04	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.104	232	417823	46.46	ng		94
60) Diethylphthalate	15.304	149	1444898	40.76	ng		98
61) 4-Chlorophenyl-phenyle...	15.522	204	793523	41.07	ng		94
62) 4-Nitroaniline	15.545	138	318969	35.92	ng		89
63) Azobenzene	15.816	77	1353728	40.10	ng		91
65) 4,6-Dinitro-2-methylph...	15.616	198	243340	54.04	ng		95
66) n-Nitrosodiphenylamine	15.739	169	1272758	44.67	ng		99
67) 4-Bromophenyl-phenylether	16.422	248	498088	44.20	ng		97
68) Hexachlorobenzene	16.539	284	567292	42.20	ng		98
69) Atrazine	16.692	200	375653	40.75	ng		100
70) Pentachlorophenol	16.886	266	611611	95.98	ng		99
71) Phenanthrene	17.281	178	2324398	42.76	ng		100
72) Anthracene	17.369	178	2334807	45.47	ng		100
73) Carbazole	17.639	167	2072542	43.58	ng		99
74) Di-n-butylphthalate	18.198	149	2345545	45.47	ng		99
75) Fluoranthene	19.251	202	2733097	43.77	ng		99
77) Benzidine	19.427	184	902230	56.31	ng		97
78) Pyrene	19.604	202	2810948	44.54	ng		100
80) Butylbenzylphthalate	20.480	149	1027226	43.68	ng		90
81) Benzo(a)anthracene	21.316	228	2776310	43.66	ng		100
82) 3,3'-Dichlorobenzidine	21.245	252	758809	36.75	ng		98
83) Chrysene	21.369	228	2705424	44.16	ng		100
84) Bis(2-ethylhexyl)phtha...	21.239	149	1518606	41.70	ng		100
85) Di-n-octyl phthalate	22.151	149	2645559	44.43	ng	#	94
87) Indeno(1,2,3-cd)pyrene	26.121	276	3964302	49.58	ng		99
88) Benzo(b)fluoranthene	22.974	252	3143305	45.61	ng		99
89) Benzo(k)fluoranthene	23.021	252	2975028	43.48	ng		99
90) Benzo(a)pyrene	23.586	252	2841215	45.22	ng		99
91) Dibenzo(a,h)anthracene	26.133	278	3266278	49.69	ng		98
92) Benzo(g,h,i)perylene	26.862	276	3381639	52.69	ng		98

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

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