Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP063021\
Data File : BP006110.D
Acq On : 30 Jun 2021 16:21
Operator : CG/JU
Sample : PB137415BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jun 30 17:36:38 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 30 16:39:37 2021
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
PB137415BS

Manual Integrations APPROVED
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.887	152	76068	20.000	ng		0.00
21) Naphthalene-d8	10.693	136	297296	20.000	ng		0.00
39) Acenaphthene-d10	14.528	164	171486	20.000	ng		0.00
64) Phenanthrene-d10	17.275	188	324608	20.000	ng		0.00
76) Chrysene-d12	21.357	240	346779	20.000	ng	#	0.00
86) Perylene-d12	23.763	264	380557	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.464	112	636610	134.291	ng		0.00
7) Phenol-d6	7.075	99	763144	124.201	ng		0.00
23) Nitrobenzene-d5	9.058	82	470845	77.647	ng		0.00
42) 2,4,6-Tribromophenol	16.022	330	336637	114.392	ng		0.00
45) 2-Fluorobiphenyl	13.152	172	1047975	80.247	ng		0.00
79) Terphenyl-d14	19.828	244	1447915	78.182	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.323	88	71546	33.406	ng		98
3) Pyridine	3.740	79	174406	34.648	ng		97
4) n-Nitrosodimethylamine	3.646	42	85889	36.708	ng	#	88
6) Aniline	7.217	93	245298	35.759	ng		97
8) 2-Chlorophenol	7.458	128	246651	45.379	ng		99
9) Benzaldehyde	7.040	77	23706	9.050	ng		98
10) Phenol	7.099	94	286233	46.632	ng		99
11) bis(2-Chloroethyl)ether	7.317	93	210492	45.255	ng		99
12) 1,3-Dichlorobenzene	7.775	146	257789	42.416	ng		99
13) 1,4-Dichlorobenzene	7.922	146	263617	42.532	ng		99
14) 1,2-Dichlorobenzene	8.240	146	250293	42.247	ng		96
15) Benzyl Alcohol	8.140	79	206180	44.550	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.416	45	183127	42.591	ng		99
17) 2-Methylphenol	8.352	107	192326	45.987	ng		98
18) Hexachloroethane	8.963	117	95563	42.625	ng		98
19) n-Nitroso-di-n-propyla...	8.705	70	159156	42.105	ng		96
20) 3+4-Methylphenols	8.681	107	256618	45.425	ng		96
22) Acetophenone	8.722	105	338652	43.278	ng		97
24) Nitrobenzene	9.099	77	242359	38.489	ng		98
25) Isophorone	9.634	82	418840	37.402	ng		100
26) 2-Nitrophenol	9.810	139	126922	42.245	ng		95
27) 2,4-Dimethylphenol	9.881	122	210569	47.045	ng		97
28) bis(2-Chloroethoxy)met...	10.105	93	263189	45.032	ng		99
29) 2,4-Dichlorophenol	10.358	162	217349	40.407	ng		98
30) 1,2,4-Trichlorobenzene	10.558	180	234084	38.730	ng		97
31) Naphthalene	10.746	128	686157	39.890	ng		99
32) Benzoic acid	10.081	122	127683	39.381	ng		95
33) 4-Chloroaniline	10.869	127	136154	19.593	ng		98
34) Hexachlorobutadiene	11.022	225	153198	37.474	ng		99
35) Caprolactam	11.681	113	63311m	40.862	ng		
36) 4-Chloro-3-methylphenol	12.005	107	225928	41.366	ng		96
37) 2-Methylnaphthalene	12.357	142	480627	39.244	ng		98
38) 1-Methylnaphthalene	12.575	142	444906	38.567	ng		99
40) 1,2,4,5-Tetrachloroben...	12.722	216	259019	42.911	ng		100
41) Hexachlorocyclopentadiene	12.699	237	196968	65.981	ng		96
43) 2,4,6-Trichlorophenol	12.969	196	165406	39.951	ng		97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.057	196	179113	40.170	ng	96
46) 1,1'-Biphenyl	13.363	154	593676	42.937	ng	100
47) 2-Chloronaphthalene	13.404	162	458063	40.571	ng	98
48) 2-Nitroaniline	13.622	65	124602	41.973	ng	96
49) Acenaphthylene	14.246	152	715111	41.284	ng	100
50) Dimethylphthalate	13.993	163	565690	40.121	ng	99
51) 2,6-Dinitrotoluene	14.110	165	125173	39.059	ng	99
52) Acenaphthene	14.593	154	416899	39.633	ng	100
53) 3-Nitroaniline	14.446	138	88781	28.583	ng	90
54) 2,4-Dinitrophenol	14.663	184	135874	71.816	ng	97
55) Dibenzofuran	14.928	168	665468	38.469	ng	99
56) 4-Nitrophenol	14.775	139	177630	70.555	ng	96
57) 2,4-Dinitrotoluene	14.904	165	170342	39.741	ng	97
58) Fluorene	15.575	166	532191	39.484	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.163	232	147607m	37.562	ng	
60) Diethylphthalate	15.345	149	555673	39.281	ng	100
61) 4-Chlorophenyl-phenyle...	15.569	204	272368	38.970	ng	98
62) 4-Nitroaniline	15.616	138	119434	37.358	ng	94
63) Azobenzene	15.863	77	488340	38.157	ng	95
65) 4,6-Dinitro-2-methylph...	15.675	198	88194	36.972	ng	95
66) n-Nitrosodiphenylamine	15.787	169	459830	42.717	ng	99
67) 4-Bromophenyl-phenylether	16.463	248	173214	41.574	ng	97
68) Hexachlorobenzene	16.581	284	205817	41.213	ng	98
69) Atrazine	16.745	200	167533	50.024	ng	97
70) Pentachlorophenol	16.934	266	219537	79.060	ng	100
71) Phenanthrene	17.322	178	799665	41.021	ng	99
72) Anthracene	17.410	178	812397	42.343	ng	99
73) Carbazole	17.687	167	726520	39.441	ng	99
74) Di-n-butylphthalate	18.228	149	906176	42.460	ng	100
75) Fluoranthene	19.286	202	925308	39.085	ng	98
77) Benzidine	19.469	184	342124	47.413	ng	99
78) Pyrene	19.634	202	952964	39.364	ng	99
80) Butylbenzylphthalate	20.498	149	426000	42.771	ng	99
81) Benzo(a)anthracene	21.345	228	991710	39.617	ng	99
82) 3,3'-Dichlorobenzidine	21.275	252	305678	35.320	ng	98
83) Chrysene	21.398	228	971740	40.079	ng	100
84) Bis(2-ethylhexyl)phtha...	21.257	149	628588	43.033	ng	98
85) Di-n-octyl phthalate	22.175	149	1138929	43.585	ng	99
87) Indeno(1,2,3-cd)pyrene	26.292	276	1493439	45.891	ng	98
88) Benzo(b)fluoranthene	23.027	252	1134910	43.542	ng	99
89) Benzo(k)fluoranthene	23.075	252	1093052	43.247	ng	99
90) Benzo(a)pyrene	23.657	252	1098244	44.817	ng	98
91) Dibenzo(a,h)anthracene	26.304	278	1283846	45.835	ng	98
92) Benzo(g,h,i)perylene	27.074	276	1285862	46.472	ng	98

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

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