Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071321\
Data File : BP006201.D
Acq On : 13 Jul 2021 15:23
Operator : CG/JU
Sample : PB137642BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : PB137642BS

Quant Time: Jul 13 16:12:37 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 12 14:59:51 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.852	152	145936	20.000	ng		-0.01
21) Naphthalene-d8	10.657	136	568463	20.000	ng		0.00
39) Acenaphthene-d10	14.492	164	311834	20.000	ng		0.00
64) Phenanthrene-d10	17.239	188	558084	20.000	ng		#-0.01
76) Chrysene-d12	21.322	240	515116	20.000	ng		# 0.00
86) Perylene-d12	23.710	264	625966	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.434	112	1240854	146.302	ng		0.00
7) Phenol-d6	7.046	99	1504642	134.119	ng		0.00
23) Nitrobenzene-d5	9.022	82	708084	78.679	ng		-0.01
42) 2,4,6-Tribromophenol	15.986	330	449224	121.000	ng		-0.01
45) 2-Fluorobiphenyl	13.116	172	1606708	76.171	ng		0.00
79) Terphenyl-d14	19.792	244	1777757	68.044	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.287	88	169227	50.852	ng		90
3) Pyridine	3.705	79	395778	46.806	ng	#	85
4) n-Nitrosodimethylamine	3.617	42	177355	53.327	ng	#	90
6) Aniline	7.187	93	541652	45.760	ng		99
8) 2-Chlorophenol	7.422	128	517286	52.075	ng		99
9) Benzaldehyde	6.999	77	255935	41.800	ng		92
10) Phenol	7.069	94	572747	53.157	ng		93
11) bis(2-Chloroethyl)ether	7.281	93	422683	51.916	ng		97
12) 1,3-Dichlorobenzene	7.740	146	543901	51.101	ng		96
13) 1,4-Dichlorobenzene	7.887	146	559487	51.470	ng		99
14) 1,2-Dichlorobenzene	8.205	146	522579	50.498	ng		100
15) Benzyl Alcohol	8.110	79	383443	56.535	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.387	45	496857	51.384	ng		90
17) 2-Methylphenol	8.316	107	388974	53.068	ng		93
18) Hexachloroethane	8.922	117	189687	52.417	ng		93
19) n-Nitroso-di-n-propyla...	8.669	70	295875	48.376	ng		97
20) 3+4-Methylphenols	8.652	107	513619	51.867	ng		94
22) Acetophenone	8.687	105	660713	51.065	ng	#	98
24) Nitrobenzene	9.063	77	447806	49.200	ng		96
25) Isophorone	9.593	82	779023	45.598	ng		98
26) 2-Nitrophenol	9.781	139	259427	51.271	ng	#	86
27) 2,4-Dimethylphenol	9.846	122	433656	58.059	ng		96
28) bis(2-Chloroethoxy)met...	10.075	93	509247	53.786	ng		100
29) 2,4-Dichlorophenol	10.328	162	416265	50.722	ng		98
30) 1,2,4-Trichlorobenzene	10.522	180	433845	49.652	ng		97
31) Naphthalene	10.704	128	1432889	48.352	ng		99
32) Benzoic acid	10.052	122	257558	45.779	ng		93
33) 4-Chloroaniline	10.840	127	295120	25.798	ng		98
34) Hexachlorobutadiene	10.981	225	230266	47.862	ng		97
35) Caprolactam	11.651	113	130464	50.430	ng		91
36) 4-Chloro-3-methylphenol	11.975	107	432589	48.813	ng		97
37) 2-Methylnaphthalene	12.316	142	987210	48.014	ng		97
38) 1-Methylnaphthalene	12.540	142	917151	47.133	ng		98
40) 1,2,4,5-Tetrachloroben...	12.687	216	391676	50.635	ng		96
41) Hexachlorocyclopentadiene	12.657	237	196953	90.282	ng		98
43) 2,4,6-Trichlorophenol	12.940	196	275633	49.253	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.028	196	303591	50.563	ng	#	95
46) 1,1'-Biphenyl	13.328	154	1169551	49.957	ng		99
47) 2-Chloronaphthalene	13.369	162	900944	50.024	ng		97
48) 2-Nitroaniline	13.592	65	238586	53.310	ng		91
49) Acenaphthylene	14.216	152	1459874	50.340	ng		100
50) Dimethylphthalate	13.957	163	1093138	48.749	ng		99
51) 2,6-Dinitrotoluene	14.081	165	240129	47.499	ng		98
52) Acenaphthene	14.557	154	853026	48.355	ng		99
53) 3-Nitroaniline	14.422	138	161516	31.535	ng		96
54) 2,4-Dinitrophenol	14.645	184	235095	87.577	ng		97
55) Dibenzofuran	14.892	168	1294928	47.154	ng		96
56) 4-Nitrophenol	14.763	139	338935	85.349	ng	#	85
57) 2,4-Dinitrotoluene	14.881	165	329986	48.465	ng	#	94
58) Fluorene	15.539	166	1047369	47.473	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.128	232	222515	47.363	ng	#	73
60) Diethylphthalate	15.316	149	1103503	47.986	ng		99
61) 4-Chlorophenyl-phenyle...	15.534	204	462136	47.782	ng		93
62) 4-Nitroaniline	15.587	138	229179	44.059	ng	#	82
63) Azobenzene	15.828	77	920924	47.969	ng		96
65) 4,6-Dinitro-2-methylph...	15.657	198	153517	42.672	ng		91
66) n-Nitrosodiphenylamine	15.751	169	902954	49.690	ng		99
67) 4-Bromophenyl-phenylether	16.428	248	265593	48.275	ng	#	88
68) Hexachlorobenzene	16.551	284	312878	47.911	ng		96
69) Atrazine	16.710	200	284887	49.936	ng		94
70) Pentachlorophenol	16.904	266	309187	102.584	ng		99
71) Phenanthrene	17.286	178	1544854	49.015	ng		99
72) Anthracene	17.375	178	1584773	51.325	ng		100
73) Carbazole	17.657	167	1473011	48.142	ng		100
74) Di-n-butylphthalate	18.192	149	1828298	49.642	ng		99
75) Fluoranthene	19.251	202	1633534	47.288	ng		96
77) Benzidine	19.433	184	1056339	69.157	ng		99
78) Pyrene	19.604	202	1681911	48.307	ng		99
80) Butylbenzylphthalate	20.469	149	864784	50.074	ng		93
81) Benzo(a)anthracene	21.310	228	1569906	48.187	ng		99
82) 3,3'-Dichlorobenzidine	21.239	252	436162	45.636	ng	#	97
83) Chrysene	21.363	228	1547334	48.058	ng		100
84) Bis(2-ethylhexyl)phtha...	21.221	149	1284444	50.389	ng	#	98
85) Di-n-octyl phthalate	22.127	149	2290329	51.015	ng		99
87) Indeno(1,2,3-cd)pyrene	26.215	276	2422980	52.502	ng	#	88
88) Benzo(b)fluoranthene	22.980	252	1870693	49.267	ng	#	96
89) Benzo(k)fluoranthene	23.027	252	1754259	47.267	ng	#	96
90) Benzo(a)pyrene	23.604	252	1828839	51.326	ng	#	95
91) Dibenzo(a,h)anthracene	26.227	278	2081698	52.385	ng	#	93
92) Benzo(g,h,i)perylene	26.986	276	2049582	52.407	ng	#	88

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

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