Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071321\
Data File : BP006199.D
Acq On : 13 Jul 2021 14:12
Operator : CG/JU
Sample : PB137646BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB137646BS

Manual Integrations APPROVED
mohammad
7/15/2021 11:30:22 AM

Quant Time: Jul 13 14:48:11 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	146728	20.000	ng		-0.01
21) Naphthalene-d8	10.657	136	585445	20.000	ng		# 0.00
39) Acenaphthene-d10	14.493	164	289174	20.000	ng		0.00
64) Phenanthrene-d10	17.245	188	515635	20.000	ng		# 0.00
76) Chrysene-d12	21.327	240	465033	20.000	ng		# 0.00
86) Perylene-d12	23.716	264	575348	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.428	112	1205162	141.326	ng		-0.01
7) Phenol-d6	7.040	99	1461175	129.541	ng		0.00
23) Nitrobenzene-d5	9.022	82	680558	73.427	ng		-0.01
42) 2,4,6-Tribromophenol	15.992	330	381264	110.742	ng		0.00
45) 2-Fluorobiphenyl	13.116	172	1540619	78.761	ng		0.00
79) Terphenyl-d14	19.798	244	1508481	63.956	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.281	88	178474	53.341	ng		92
3) Pyridine	3.705	79	428210	50.369	ng	#	90
4) n-Nitrosodimethylamine	3.611	42	186393	55.742	ng	#	91
6) Aniline	7.181	93	546665	45.934	ng		99
8) 2-Chlorophenol	7.422	128	532845	53.352	ng		98
9) Benzaldehyde	6.999	77	247702	40.237	ng		91
10) Phenol	7.069	94	585537	54.051	ng		93
11) bis(2-Chloroethyl)ether	7.281	93	434585	53.089	ng		97
12) 1,3-Dichlorobenzene	7.740	146	553318	51.705	ng		96
13) 1,4-Dichlorobenzene	7.887	146	560700	51.303	ng		99
14) 1,2-Dichlorobenzene	8.199	146	530187	50.956	ng		100
15) Benzyl Alcohol	8.111	79	358588m	52.585	ng		
16) 2,2'-oxybis(1-Chloropr...	8.387	45	501943	51.630	ng		91
17) 2-Methylphenol	8.316	107	394437	53.523	ng		95
18) Hexachloroethane	8.922	117	194788	53.536	ng		94
19) n-Nitroso-di-n-propyla...	8.669	70	300161	48.812	ng		97
20) 3+4-Methylphenols	8.652	107	521801	52.409	ng		94
22) Acetophenone	8.687	105	669578	50.249	ng	#	99
24) Nitrobenzene	9.063	77	459254	48.994	ng		94
25) Isophorone	9.593	82	789331	44.862	ng		96
26) 2-Nitrophenol	9.775	139	264949	50.843	ng		88
27) 2,4-Dimethylphenol	9.846	122	436935	56.801	ng		96
28) bis(2-Chloroethoxy)met...	10.069	93	517967	53.120	ng		99
29) 2,4-Dichlorophenol	10.328	162	420228	49.720	ng		99
30) 1,2,4-Trichlorobenzene	10.522	180	435818	48.431	ng		97
31) Naphthalene	10.704	128	1458304	47.782	ng		99
32) Benzoic acid	10.052	122	254596	44.217	ng		90
33) 4-Chloroaniline	10.840	127	259438	22.021	ng		98
34) Hexachlorobutadiene	10.981	225	232809	46.987	ng		98
35) Caprolactam	11.651	113	131621	49.401	ng		88
36) 4-Chloro-3-methylphenol	11.975	107	436931	47.873	ng		99
37) 2-Methylnaphthalene	12.316	142	999693	47.210	ng		98
38) 1-Methylnaphthalene	12.540	142	918269	45.821	ng		99
40) 1,2,4,5-Tetrachloroben...	12.693	216	395766	55.173	ng		97
41) Hexachlorocyclopentadiene	12.657	237	203151	95.927	ng		98
43) 2,4,6-Trichlorophenol	12.946	196	279108	53.782	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.028	196	297140	53.367	ng	#	95
46) 1,1'-Biphenyl	13.328	154	1167643	53.784	ng		99
47) 2-Chloronaphthalene	13.375	162	905123	54.194	ng		98
48) 2-Nitroaniline	13.593	65	229236	55.235	ng		91
49) Acenaphthylene	14.216	152	1323364	49.208	ng		100
50) Dimethylphthalate	13.957	163	985963	47.415	ng		99
51) 2,6-Dinitrotoluene	14.087	165	215013	45.864	ng		98
52) Acenaphthene	14.557	154	761015	46.520	ng		98
53) 3-Nitroaniline	14.422	138	138027	29.060	ng		100
54) 2,4-Dinitrophenol	14.651	184	208562	84.166	ng		96
55) Dibenzofuran	14.893	168	1181503	46.395	ng		97
56) 4-Nitrophenol	14.763	139	305677	83.201	ng		88
57) 2,4-Dinitrotoluene	14.887	165	299725	47.470	ng	#	91
58) Fluorene	15.545	166	951330	46.499	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.134	232	199947	45.894	ng	#	75
60) Diethylphthalate	15.316	149	1002338	47.002	ng		98
61) 4-Chlorophenyl-phenyle...	15.534	204	411355	45.864	ng	#	87
62) 4-Nitroaniline	15.587	138	201021	41.834	ng		86
63) Azobenzene	15.828	77	849131	47.695	ng		97
65) 4,6-Dinitro-2-methylph...	15.657	198	136094	41.122	ng		84
66) n-Nitrosodiphenylamine	15.751	169	806968	48.064	ng		100
67) 4-Bromophenyl-phenylether	16.428	248	236031	46.434	ng	#	84
68) Hexachlorobenzene	16.551	284	278027	46.079	ng	#	92
69) Atrazine	16.710	200	255213	48.417	ng		93
70) Pentachlorophenol	16.910	266	277984	99.824	ng		98
71) Phenanthrene	17.286	178	1380074	47.392	ng		100
72) Anthracene	17.381	178	1403854	49.209	ng		100
73) Carbazole	17.657	167	1319632	46.680	ng		99
74) Di-n-butylphthalate	18.198	149	1659580	48.771	ng		99
75) Fluoranthene	19.257	202	1449332	45.410	ng		96
77) Benzidine	19.439	184	945496	68.567	ng		99
78) Pyrene	19.610	202	1474172	46.900	ng		99
80) Butylbenzylphthalate	20.469	149	767342	49.217	ng		94
81) Benzo(a)anthracene	21.310	228	1362600	46.328	ng		99
82) 3,3'-Dichlorobenzidine	21.245	252	360933	41.832	ng	#	97
83) Chrysene	21.363	228	1352901	46.545	ng		99
84) Bis(2-ethylhexyl)phtha...	21.222	149	1139535	49.519	ng	#	97
85) Di-n-octyl phthalate	22.133	149	2027326	50.020	ng		98
87) Indeno(1,2,3-cd)pyrene	26.227	276	2198530	51.830	ng	#	89
88) Benzo(b)fluoranthene	22.980	252	1547068	44.328	ng	#	96
89) Benzo(k)fluoranthene	23.033	252	1566093	45.910	ng	#	97
90) Benzo(a)pyrene	23.610	252	1622155	49.531	ng	#	95
91) Dibenzo(a,h)anthracene	26.233	278	1873119	51.283	ng	#	93
92) Benzo(g,h,i)perylene	26.998	276	1864431	51.867	ng	#	89

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

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