Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092321\
Data File : BP007119.D
Acq On : 23 Sep 2021 10:55
Operator : CG/JU
Sample : PB139271BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Sep 23 11:57:21 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 23 11:17:25 2021
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
PB139271BS

Manual Integrations APPROVED
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9/24/2021 5:30:52 PM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.893	152	271215	20.000	ng		0.00
21) Naphthalene-d8	10.699	136	1074137	20.000	ng	#	0.00
39) Acenaphthene-d10	14.528	164	667849	20.000	ng		0.00
64) Phenanthrene-d10	17.275	188	1383992	20.000	ng	#	0.00
76) Chrysene-d12	21.357	240	1416276	20.000	ng	#	0.00
86) Perylene-d12	23.769	264	1443944	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.470	112	1923028	118.690	ng		0.00
7) Phenol-d6	7.064	99	2329026	105.175	ng		0.00
23) Nitrobenzene-d5	9.058	82	1344840	72.913	ng		0.00
42) 2,4,6-Tribromophenol	16.016	330	989760	114.313	ng		0.00
45) 2-Fluorobiphenyl	13.152	172	3357671	72.026	ng		0.00
79) Terphenyl-d14	19.834	244	5275686	71.381	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.358	88	210089	32.065	ng	#	87
3) Pyridine	3.764	79	522974	29.169	ng	#	87
4) n-Nitrosodimethylamine	3.676	42	246630	40.125	ng	#	77
6) Aniline	7.222	93	892526	36.565	ng		97
8) 2-Chlorophenol	7.458	128	724203	41.127	ng		98
9) Benzaldehyde	7.034	77	384555m	30.828	ng		
10) Phenol	7.093	94	869245	40.714	ng		91
11) bis(2-Chloroethyl)ether	7.322	93	656658	38.965	ng		96
12) 1,3-Dichlorobenzene	7.787	146	782887	39.415	ng		95
13) 1,4-Dichlorobenzene	7.934	146	802731	39.643	ng		97
14) 1,2-Dichlorobenzene	8.246	146	774680	39.480	ng		98
15) Benzyl Alcohol	8.140	79	576854	40.672	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.428	45	748196	38.773	ng		91
17) 2-Methylphenol	8.340	107	586211	40.730	ng		93
18) Hexachloroethane	8.975	117	274450	40.369	ng		96
19) n-Nitroso-di-n-propyla...	8.705	70	452845	37.599	ng		97
20) 3+4-Methylphenols	8.669	107	786886	39.540	ng		94
22) Acetophenone	8.722	105	1006051	38.871	ng		98
24) Nitrobenzene	9.099	77	700337	39.825	ng		95
25) Isophorone	9.628	82	1247843	38.798	ng		98
26) 2-Nitrophenol	9.810	139	375143	40.911	ng	#	86
27) 2,4-Dimethylphenol	9.869	122	639898	44.321	ng		97
28) bis(2-Chloroethoxy)met...	10.110	93	827419	36.465	ng		99
29) 2,4-Dichlorophenol	10.346	162	677068	40.201	ng		99
30) 1,2,4-Trichlorobenzene	10.558	180	734023	38.257	ng		99
31) Naphthalene	10.746	128	2123585	38.737	ng		99
32) Benzoic acid	10.010	122	452339	40.763	ng		95
33) 4-Chloroaniline	10.858	127	709812	31.341	ng		98
34) Hexachlorobutadiene	11.034	225	439226	38.233	ng		99
35) Caprolactam	11.652	113	213356	41.178	ng	#	83
36) 4-Chloro-3-methylphenol	11.981	107	670400	39.161	ng		98
37) 2-Methylnaphthalene	12.357	142	1529457	39.844	ng		96
38) 1-Methylnaphthalene	12.575	142	1412109	37.650	ng	#	99
40) 1,2,4,5-Tetrachloroben...	12.722	216	810266	39.618	ng		98
41) Hexachlorocyclopentadiene	12.704	237	958717	84.579	ng		99
43) 2,4,6-Trichlorophenol	12.963	196	546678	39.174	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.028	196	595362	39.618	ng		97
46) 1,1'-Biphenyl	13.363	154	1858160	37.406	ng		99
47) 2-Chloronaphthalene	13.404	162	1495861	38.873	ng		97
48) 2-Nitroaniline	13.604	65	387432	41.296	ng		94
49) Acenaphthylene	14.246	152	2355769	39.748	ng		100
50) Dimethylphthalate	13.987	163	1850614	38.528	ng		100
51) 2,6-Dinitrotoluene	14.104	165	408712	41.655	ng		89
52) Acenaphthene	14.593	154	1397105	38.907	ng		99
53) 3-Nitroaniline	14.434	138	368366	34.722	ng		97
54) 2,4-Dinitrophenol	14.640	184	510167	90.262	ng		88
55) Dibenzofuran	14.922	168	2256105	37.658	ng		95
56) 4-Nitrophenol	14.740	139	772954	89.745	ng	#	80
57) 2,4-Dinitrotoluene	14.887	165	571080	44.106	ng		92
58) Fluorene	15.575	166	1788028	38.632	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.151	232	514408m	38.982	ng		
60) Diethylphthalate	15.351	149	1829012	39.296	ng		98
61) 4-Chlorophenyl-phenyle...	15.569	204	920696	37.644	ng		92
62) 4-Nitroaniline	15.593	138	443239	41.543	ng	#	80
63) Azobenzene	15.863	77	1560453	38.689	ng		91
65) 4,6-Dinitro-2-methylph...	15.651	198	316280	38.081	ng		99
66) n-Nitrosodiphenylamine	15.781	169	1609597	39.087	ng		99
67) 4-Bromophenyl-phenylether	16.463	248	582536	38.404	ng		94
68) Hexachlorobenzene	16.581	284	658066	39.255	ng		98
69) Atrazine	16.740	200	599269	41.285	ng		96
70) Pentachlorophenol	16.922	266	885422	85.048	ng		99
71) Phenanthrene	17.316	178	2904867	39.145	ng		99
72) Anthracene	17.410	178	2941443	40.519	ng		99
73) Carbazole	17.681	167	2731009	38.391	ng		98
74) Di-n-butylphthalate	18.234	149	3180813	40.348	ng	#	98
75) Fluoranthene	19.281	202	3469212	40.577	ng		97
77) Benzidine	19.463	184	1939671	44.565	ng		99
78) Pyrene	19.634	202	3575455	38.479	ng		99
80) Butylbenzylphthalate	20.504	149	1480680	39.790	ng		97
81) Benzo(a)anthracene	21.339	228	3487587	37.938	ng		99
82) 3,3'-Dichlorobenzidine	21.275	252	1311665	41.546	ng		98
83) Chrysene	21.398	228	3400905	38.708	ng		99
84) Bis(2-ethylhexyl)phtha...	21.269	149	2131413	39.840	ng		97
85) Di-n-octyl phthalate	22.192	149	3802535	41.747	ng		100
87) Indeno(1,2,3-cd)pyrene	26.298	276	4438583	42.774	ng	#	95
88) Benzo(b)fluoranthene	23.033	252	3792928	43.954	ng	#	98
89) Benzo(k)fluoranthene	23.080	252	3583750	41.018	ng	#	98
90) Benzo(a)pyrene	23.663	252	3647367	49.751	ng	#	98
91) Dibenzo(a,h)anthracene	26.316	278	3806590	43.773	ng	#	96
92) Benzo(g,h,i)perylene	27.074	276	3789554	44.654	ng	#	95

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

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