Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092321\
Data File : BP007129.D
Acq On : 23 Sep 2021 17:33
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 23 18:04:45 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 :
SSTDCCC040

Manual Integrations APPROVED
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.893	152	256301	20.000	ng		0.00
21) Naphthalene-d8	10.692	136	976192	20.000	ng	#	0.00
39) Acenaphthene-d10	14.528	164	630894	20.000	ng		0.00
64) Phenanthrene-d10	17.274	188	1326419	20.000	ng		0.00
76) Chrysene-d12	21.357	240	1277464	20.000	ng	#	0.00
86) Perylene-d12	23.768	264	1423966	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.463	112	1158098	75.637	ng		0.00
7) Phenol-d6	7.063	99	1561188	74.603	ng		0.00
23) Nitrobenzene-d5	9.057	82	1295105	77.261	ng		0.00
42) 2,4,6-Tribromophenol	16.016	330	723835	88.497	ng		0.00
45) 2-Fluorobiphenyl	13.151	172	3400760	77.224	ng		0.00
79) Terphenyl-d14	19.833	244	5287640	79.317	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.352	88	226984	36.659	ng		89
3) Pyridine	3.763	79	624015	36.829	ng	#	89
4) n-Nitrosodimethylamine	3.669	42	210463	36.233	ng	#	72
6) Aniline	7.222	93	855058	37.068	ng		98
8) 2-Chlorophenol	7.457	128	632543	38.012	ng		99
9) Benzaldehyde	7.034	77	436162m	37.000	ng		
10) Phenol	7.093	94	741982	36.776	ng		91
11) bis(2-Chloroethyl)ether	7.322	93	576957	36.228	ng		97
12) 1,3-Dichlorobenzene	7.781	146	717592	38.230	ng		96
13) 1,4-Dichlorobenzene	7.928	146	731477	38.226	ng		97
14) 1,2-Dichlorobenzene	8.245	146	706584	38.105	ng		98
15) Benzyl Alcohol	8.134	79	517091	38.580	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.428	45	634870	34.815	ng		91
17) 2-Methylphenol	8.340	107	514619	37.837	ng		93
18) Hexachloroethane	8.975	117	247664	38.549	ng		94
19) n-Nitroso-di-n-propyla...	8.704	70	415061	36.467	ng		97
20) 3+4-Methylphenols	8.669	107	710275	37.767	ng		93
22) Acetophenone	8.722	105	908944	38.643	ng		98
24) Nitrobenzene	9.098	77	612156	38.303	ng		94
25) Isophorone	9.628	82	1131598	38.714	ng		98
26) 2-Nitrophenol	9.810	139	354132	42.495	ng	#	86
27) 2,4-Dimethylphenol	9.875	122	511146	38.955	ng		97
28) bis(2-Chloroethoxy)met...	10.104	93	763745	37.036	ng		99
29) 2,4-Dichlorophenol	10.345	162	618622	40.416	ng		98
30) 1,2,4-Trichlorobenzene	10.557	180	691210	39.640	ng		97
31) Naphthalene	10.745	128	1900165	38.140	ng		99
32) Benzoic acid	10.016	122	449476	44.569	ng		95
33) 4-Chloroaniline	10.857	127	798298	38.784	ng		97
34) Hexachlorobutadiene	11.028	225	435365	41.699	ng		99
35) Caprolactam	11.657	113	194627	41.332	ng		85
36) 4-Chloro-3-methylphenol	11.986	107	612698	39.381	ng		98
37) 2-Methylnaphthalene	12.351	142	1346998	38.612	ng		96
38) 1-Methylnaphthalene	12.575	142	1319856	38.721	ng		100
40) 1,2,4,5-Tetrachloroben...	12.722	216	772513	39.985	ng		98
41) Hexachlorocyclopentadiene	12.698	237	437244	40.834	ng		98
43) 2,4,6-Trichlorophenol	12.963	196	540611	41.008	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.033	196	580703	40.906	ng		94
46) 1,1'-Biphenyl	13.363	154	1798374	38.323	ng		99
47) 2-Chloronaphthalene	13.404	162	1402285	38.576	ng		97
48) 2-Nitroaniline	13.604	65	357053	40.287	ng		91
49) Acenaphthylene	14.245	152	2183547	39.000	ng		100
50) Dimethylphthalate	13.986	163	1779502	39.217	ng		100
51) 2,6-Dinitrotoluene	14.104	165	378642	40.851	ng		88
52) Acenaphthene	14.592	154	1311968	38.676	ng		98
53) 3-Nitroaniline	14.433	138	409110	40.822	ng		95
54) 2,4-Dinitrophenol	14.639	184	241657	45.260	ng		88
55) Dibenzofuran	14.922	168	2179763	38.514	ng		96
56) 4-Nitrophenol	14.739	139	349113	42.909	ng	#	82
57) 2,4-Dinitrotoluene	14.892	165	517875	42.340	ng		88
58) Fluorene	15.575	166	1694823	38.763	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.151	232	518616	41.603	ng		95
60) Diethylphthalate	15.345	149	1746322	39.718	ng		97
61) 4-Chlorophenyl-phenyle...	15.569	204	910063	39.389	ng		92
62) 4-Nitroaniline	15.592	138	427204	42.385	ng	#	80
63) Azobenzene	15.857	77	1447709	37.996	ng		94
65) 4,6-Dinitro-2-methylph...	15.657	198	347696	43.681	ng		94
66) n-Nitrosodiphenylamine	15.780	169	1520160	38.517	ng		99
67) 4-Bromophenyl-phenylether	16.463	248	584257	40.190	ng		95
68) Hexachlorobenzene	16.580	284	651774	40.567	ng		96
69) Atrazine	16.739	200	568015	40.830	ng		97
70) Pentachlorophenol	16.927	266	424161	42.511	ng		99
71) Phenanthrene	17.316	178	2720801	38.256	ng		100
72) Anthracene	17.410	178	2738861	39.366	ng		100
73) Carbazole	17.680	167	2671271	39.181	ng		98
74) Di-n-butylphthalate	18.227	149	3092783	40.934	ng		98
75) Fluoranthene	19.280	202	3219786	39.294	ng		98
77) Benzidine	19.463	184	1755572	44.718	ng		99
78) Pyrene	19.633	202	3282099	39.160	ng		99
80) Butylbenzylphthalate	20.504	149	1402899	41.797	ng		95
81) Benzo(a)anthracene	21.339	228	3217623	38.804	ng		99
82) 3,3'-Dichlorobenzidine	21.274	252	1196359	42.011	ng		98
83) Chrysene	21.392	228	3084213	38.918	ng		99
84) Bis(2-ethylhexyl)phtha...	21.268	149	2001383	41.474	ng		97
85) Di-n-octyl phthalate	22.192	149	3544774	43.146	ng		99
87) Indeno(1,2,3-cd)pyrene	26.297	276	4000229	39.090	ng		96
88) Benzo(b)fluoranthene	23.033	252	3259413	38.302	ng	#	98
89) Benzo(k)fluoranthene	23.080	252	3180662	36.915	ng	#	98
90) Benzo(a)pyrene	23.662	252	2776730	38.406	ng	#	97
91) Dibenzo(a,h)anthracene	26.315	278	3323350	38.752	ng	#	97
92) Benzo(g,h,i)perylene	27.074	276	3270712	39.081	ng	#	96

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

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