Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092321\
Data File : BP007120.D
Acq On : 23 Sep 2021 11:29
Operator : CG/JU
Sample : PB139192BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Sep 23 11:58:04 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 :
PB139192BS

Manual Integrations APPROVED
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9/24/2021 5:30:54 PM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.899	152	272001	20.000	ng		0.00
21) Naphthalene-d8	10.699	136	1116286	20.000	ng	#	0.00
39) Acenaphthene-d10	14.528	164	727304	20.000	ng		0.00
64) Phenanthrene-d10	17.275	188	1463643	20.000	ng	#	0.00
76) Chrysene-d12	21.357	240	1426662	20.000	ng	#	0.00
86) Perylene-d12	23.768	264	1426780	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.469	112	2051306	126.241	ng		0.00
7) Phenol-d6	7.069	99	2558850	115.219	ng		0.00
23) Nitrobenzene-d5	9.057	82	1470501	76.716	ng		0.00
42) 2,4,6-Tribromophenol	16.016	330	1130873	119.934	ng		0.00
45) 2-Fluorobiphenyl	13.151	172	3802907	74.909	ng		0.00
79) Terphenyl-d14	19.827	244	5703811	76.612	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.358	88	208492	31.729	ng	#	87
3) Pyridine	3.764	79	521007	28.975	ng	#	86
4) n-Nitrosodimethylamine	3.675	42	253767	41.167	ng	#	75
6) Aniline	7.222	93	986876	40.313	ng		100
8) 2-Chlorophenol	7.458	128	795618	45.052	ng		98
9) Benzaldehyde	7.034	77	406671m	32.507	ng		
10) Phenol	7.093	94	953404	44.527	ng		90
11) bis(2-Chloroethyl)ether	7.322	93	704318	41.672	ng		96
12) 1,3-Dichlorobenzene	7.787	146	815610	40.944	ng		95
13) 1,4-Dichlorobenzene	7.934	146	835725	41.153	ng		97
14) 1,2-Dichlorobenzene	8.246	146	810108	41.166	ng		98
15) Benzyl Alcohol	8.140	79	640610	45.037	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.434	45	814523	42.089	ng		90
17) 2-Methylphenol	8.340	107	647707	44.873	ng		93
18) Hexachloroethane	8.975	117	286228	41.980	ng		96
19) n-Nitroso-di-n-propyla...	8.710	70	502184	41.575	ng		96
20) 3+4-Methylphenols	8.669	107	875373	43.859	ng		94
22) Acetophenone	8.722	105	1102175	40.977	ng	#	98
24) Nitrobenzene	9.099	77	769971	42.132	ng		97
25) Isophorone	9.634	82	1395639	41.755	ng		97
26) 2-Nitrophenol	9.810	139	418950	43.963	ng	#	88
27) 2,4-Dimethylphenol	9.875	122	726317	48.407	ng		96
28) bis(2-Chloroethoxy)met...	10.110	93	931894	39.519	ng		99
29) 2,4-Dichlorophenol	10.346	162	768856	43.927	ng		98
30) 1,2,4-Trichlorobenzene	10.563	180	799841	40.113	ng		98
31) Naphthalene	10.746	128	2329611	40.891	ng		99
32) Benzoic acid	10.016	122	517206	44.849	ng		96
33) 4-Chloroaniline	10.857	127	756829	32.155	ng		99
34) Hexachlorobutadiene	11.034	225	475516	39.829	ng		99
35) Caprolactam	11.651	113	237706	44.145	ng	#	74
36) 4-Chloro-3-methylphenol	11.981	107	772526	43.422	ng		100
37) 2-Methylnaphthalene	12.357	142	1707645	42.807	ng		97
38) 1-Methylnaphthalene	12.575	142	1587425	40.726	ng		99
40) 1,2,4,5-Tetrachloroben...	12.728	216	904403	40.606	ng		99
41) Hexachlorocyclopentadiene	12.704	237	1084200	87.831	ng		99
43) 2,4,6-Trichlorophenol	12.963	196	628447	41.352	ng		96

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.034	196	684798	41.844	ng		96
46) 1,1'-Biphenyl	13.363	154	2103290	38.879	ng		100
47) 2-Chloronaphthalene	13.404	162	1696815	40.491	ng		98
48) 2-Nitroaniline	13.610	65	440062	43.071	ng		90
49) Acenaphthylene	14.251	152	2673266	41.418	ng		100
50) Dimethylphthalate	13.987	163	2125231	40.628	ng		100
51) 2,6-Dinitrotoluene	14.104	165	470764	44.057	ng		88
52) Acenaphthene	14.592	154	1585678	40.549	ng		99
53) 3-Nitroaniline	14.434	138	420772	36.420	ng		97
54) 2,4-Dinitrophenol	14.640	184	583408	94.782	ng		88
55) Dibenzofuran	14.922	168	2558508	39.214	ng		96
56) 4-Nitrophenol	14.740	139	857102	91.381	ng	#	80
57) 2,4-Dinitrotoluene	14.892	165	645094	45.750	ng		89
58) Fluorene	15.575	166	2033203	40.338	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.151	232	587882	40.908	ng		96
60) Diethylphthalate	15.351	149	2078347	41.003	ng		97
61) 4-Chlorophenyl-phenyle...	15.569	204	1049495	39.402	ng		92
62) 4-Nitroaniline	15.598	138	497910	42.852	ng	#	78
63) Azobenzene	15.863	77	1758555	40.037	ng		92
65) 4,6-Dinitro-2-methylph...	15.651	198	357288	40.678	ng		98
66) n-Nitrosodiphenylamine	15.781	169	1817041	41.723	ng		100
67) 4-Bromophenyl-phenylether	16.463	248	657710	41.001	ng		94
68) Hexachlorobenzene	16.581	284	746188	42.089	ng		96
69) Atrazine	16.739	200	670222	43.660	ng		96
70) Pentachlorophenol	16.928	266	986526	89.603	ng		98
71) Phenanthrene	17.316	178	3242960	41.322	ng		99
72) Anthracene	17.410	178	3275538	42.666	ng		100
73) Carbazole	17.681	167	3006552	39.965	ng		98
74) Di-n-butylphthalate	18.233	149	3558004	42.676	ng		99
75) Fluoranthene	19.280	202	3784662	41.857	ng		97
77) Benzidine	19.463	184	2015280	45.965	ng		99
78) Pyrene	19.633	202	3890912	41.569	ng		99
80) Butylbenzylphthalate	20.504	149	1592425	42.482	ng		97
81) Benzo(a)anthracene	21.339	228	3704784	40.007	ng		98
82) 3,3'-Dichlorobenzidine	21.274	252	1388969	43.674	ng		99
83) Chrysene	21.398	228	3597859	40.651	ng		98
84) Bis(2-ethylhexyl)phtha...	21.269	149	2294110	42.569	ng		97
85) Di-n-octyl phthalate	22.192	149	4053346	44.177	ng		100
87) Indeno(1,2,3-cd)pyrene	26.298	276	4570276	44.572	ng	#	95
88) Benzo(b)fluoranthene	23.033	252	3983770	46.721	ng		98
89) Benzo(k)fluoranthene	23.080	252	3758262	43.533	ng	#	98
90) Benzo(a)pyrene	23.663	252	3818045	52.705	ng	#	98
91) Dibenzo(a,h)anthracene	26.315	278	3926997	45.701	ng	#	96
92) Benzo(g,h,i)perylene	27.074	276	3904515	46.562	ng	#	94

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

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