Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111121\
Data File : BP007945.D
Acq On : 11 Nov 2021 14:53
Operator : CG/JU
Sample : PB140664BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 11 15:31:56 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP110221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 11 13:53:53 2021
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
PB140664BSD

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/11/2021
Supervised By :mohammad ahmed 11/17/2021

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.851	152	125325	20.000	ng		0.00
21) Naphthalene-d8	10.651	136	585291	20.000	ng		0.00
39) Acenaphthene-d10	14.492	164	405609	20.000	ng		0.00
64) Phenanthrene-d10	17.251	188	945132	20.000	ng		# 0.00
76) Chrysene-d12	21.345	240	1149679	20.000	ng		# 0.00
86) Perylene-d12	23.756	264	1325704	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.440	112	1043576	141.220	ng		0.00
7) Phenol-d6	7.034	99	1376916	128.734	ng		0.00
23) Nitrobenzene-d5	9.016	82	856577	78.616	ng		0.00
42) 2,4,6-Tribromophenol	15.992	330	845129	145.998	ng		0.00
45) 2-Fluorobiphenyl	13.116	172	2269820	81.494	ng		0.00
79) Terphenyl-d14	19.815	244	4487860	79.488	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.340	88	87789	33.719	ng		96
3) Pyridine	3.740	79	250307	30.529	ng		96
4) n-Nitrosodimethylamine	3.646	42	147635	42.104	ng	#	96
6) Aniline	7.181	93	569013	47.231	ng		97
8) 2-Chlorophenol	7.422	128	400272	49.152	ng		95
9) Benzaldehyde	6.993	77	233490	40.146	ng		94
10) Phenol	7.057	94	516639	50.583	ng		94
11) bis(2-Chloroethyl)ether	7.281	93	355169	43.564	ng		96
12) 1,3-Dichlorobenzene	7.745	146	390568	43.124	ng		98
13) 1,4-Dichlorobenzene	7.887	146	401984	43.439	ng		99
14) 1,2-Dichlorobenzene	8.204	146	398385	44.547	ng		98
15) Benzyl Alcohol	8.098	79	399642	49.352	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.387	45	411005	43.007	ng		96
17) 2-Methylphenol	8.304	107	356256	50.440	ng		98
18) Hexachloroethane	8.934	117	141619	44.255	ng		89
19) n-Nitroso-di-n-propyla...	8.669	70	299367	45.734	ng		93
20) 3+4-Methylphenols	8.634	107	495820	49.904	ng		97
22) Acetophenone	8.681	105	615494	41.736	ng	#	97
24) Nitrobenzene	9.057	77	448741	43.280	ng		97
25) Isophorone	9.592	82	840867	42.465	ng		98
26) 2-Nitrophenol	9.769	139	236486	45.037	ng		94
27) 2,4-Dimethylphenol	9.834	122	413244	51.211	ng		95
28) bis(2-Chloroethoxy)met...	10.069	93	508144	38.889	ng		99
29) 2,4-Dichlorophenol	10.304	162	459536	47.365	ng		98
30) 1,2,4-Trichlorobenzene	10.516	180	444983	41.238	ng		97
31) Naphthalene	10.704	128	1233525	41.663	ng		98
32) Benzoic acid	10.004	122	330996	47.584	ng		96
33) 4-Chloroaniline	10.816	127	554600	42.525	ng		98
34) Hexachlorobutadiene	10.998	225	295275	41.679	ng		98
35) Caprolactam	11.622	113	163806m	48.369	ng		
36) 4-Chloro-3-methylphenol	11.951	107	521767	47.607	ng		99
37) 2-Methylnaphthalene	12.316	142	976079	44.694	ng		98
38) 1-Methylnaphthalene	12.533	142	903862	42.241	ng		99
40) 1,2,4,5-Tetrachloroben...	12.686	216	572585	45.031	ng		99
41) Hexachlorocyclopentadiene	12.669	237	682312	100.193	ng		98
43) 2,4,6-Trichlorophenol	12.928	196	414548	46.676	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.998	196	464806	48.314	ng		98
46) 1,1'-Biphenyl	13.328	154	1154649	39.427	ng		98
47) 2-Chloronaphthalene	13.369	162	934458	41.061	ng		99
48) 2-Nitroaniline	13.575	65	302816	46.243	ng		97
49) Acenaphthylene	14.216	152	1527177	42.729	ng		99
50) Dimethylphthalate	13.957	163	1335163	42.649	ng		100
51) 2,6-Dinitrotoluene	14.069	165	295831	45.693	ng		98
52) Acenaphthene	14.557	154	899946	41.692	ng		98
53) 3-Nitroaniline	14.404	138	285363	41.314	ng	#	95
54) 2,4-Dinitrophenol	14.610	184	408615	102.667	ng	#	86
55) Dibenzofuran	14.892	168	1503810	41.184	ng		98
56) 4-Nitrophenol	14.727	139	523699	89.267	ng		90
57) 2,4-Dinitrotoluene	14.863	165	427129	47.923	ng		91
58) Fluorene	15.545	166	1206194	43.551	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.122	232	398994m	46.072	ng		
60) Diethylphthalate	15.322	149	1358737	44.705	ng		99
61) 4-Chlorophenyl-phenyle...	15.539	204	662117	43.768	ng		99
62) 4-Nitroaniline	15.569	138	324587	46.270	ng		89
63) Azobenzene	15.833	77	1116698	43.531	ng		97
65) 4,6-Dinitro-2-methylph...	15.633	198	265548	42.909	ng		89
66) n-Nitrosodiphenylamine	15.757	169	1122133	41.704	ng		98
67) 4-Bromophenyl-phenylether	16.439	248	451266	43.129	ng		97
68) Hexachlorobenzene	16.557	284	528131	45.235	ng		93
69) Atrazine	16.721	200	486971	47.264	ng		97
70) Pentachlorophenol	16.904	266	712634	94.901	ng		97
71) Phenanthrene	17.292	178	2105725	42.382	ng		100
72) Anthracene	17.386	178	2164557	44.269	ng		100
73) Carbazole	17.657	167	1994287	41.032	ng		100
74) Di-n-butylphthalate	18.216	149	2399428	43.347	ng		99
75) Fluoranthene	19.263	202	2770104	44.197	ng		96
77) Benzidine	19.439	184	2543426	87.779	ng		98
78) Pyrene	19.615	202	2840413	40.281	ng		99
80) Butylbenzylphthalate	20.492	149	1217504	41.083	ng		93
81) Benzo(a)anthracene	21.327	228	3112311	41.091	ng		99
82) 3,3'-Dichlorobenzidine	21.257	252	1204782	47.369	ng		99
83) Chrysene	21.380	228	3056388	42.626	ng		100
84) Bis(2-ethylhexyl)phtha...	21.257	149	1775909	41.783	ng	#	97
85) Di-n-octyl phthalate	22.186	149	3386979	44.299	ng	#	96
87) Indeno(1,2,3-cd)pyrene	26.280	276	4386730	44.392	ng	#	93
88) Benzo(b)fluoranthene	23.021	252	3654971	46.771	ng	#	98
89) Benzo(k)fluoranthene	23.068	252	3483661	44.915	ng	#	98
90) Benzo(a)pyrene	23.651	252	3578686	52.888	ng	#	97
91) Dibenzo(a,h)anthracene	26.297	278	3715020	45.358	ng	#	96
92) Benzo(g,h,i)perylene	27.050	276	3697818	45.510	ng	#	94

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

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