Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110321\
Data File : BP007817.D
Acq On : 03 Nov 2021 11:34
Operator : CG/JU
Sample : PB140419BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 03 13:39:15 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP110221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 02 19:18:55 2021
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
PB140419BS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/03/2021
Supervised By :mohammad ahmed 11/08/2021

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.922	152	201946	20.00	ng		0.00
21) Naphthalene-d8	10.728	136	914610	20.00	ng		0.00
39) Acenaphthene-d10	14.563	164	645249	20.00	ng		0.00
64) Phenanthrene-d10	17.322	188	1391635	20.00	ng		0.00
76) Chrysene-d12	21.416	240	1579832	20.00	ng		0.00
86) Perylene-d12	23.845	264	1807770	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.499	112	1624830	136.45	ng		0.00
7) Phenol-d6	7.099	99	2141276	124.24	ng		0.00
23) Nitrobenzene-d5	9.087	82	1269595	74.57	ng		0.00
42) 2,4,6-Tribromophenol	16.057	330	1026325	111.45	ng		0.00
45) 2-Fluorobiphenyl	13.187	172	3216831	72.60	ng		0.00
79) Terphenyl-d14	19.881	244	5671330	73.10	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.387	88	126670	29.83	ng		99
3) Pyridine	3.787	79	341376m	25.84	ng		
4) n-Nitrosodimethylamine	3.693	42	218732	38.71	ng	#	97
6) Aniline	7.246	93	831064	42.81	ng		99
8) 2-Chlorophenol	7.487	128	626366	47.73	ng		98
9) Benzaldehyde	7.058	77	337736	36.04	ng		97
10) Phenol	7.122	94	801269	48.68	ng		98
11) bis(2-Chloroethyl)ether	7.346	93	545758	41.54	ng		96
12) 1,3-Dichlorobenzene	7.811	146	586365	40.18	ng		98
13) 1,4-Dichlorobenzene	7.958	146	602825	40.43	ng		99
14) 1,2-Dichlorobenzene	8.275	146	598142	41.51	ng		98
15) Benzyl Alcohol	8.164	79	588408	45.09	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.458	45	658858	42.78	ng		97
17) 2-Methylphenol	8.369	107	549629	48.29	ng		100
18) Hexachloroethane	9.005	117	216838	42.05	ng		94
19) n-Nitroso-di-n-propyla...	8.740	70	433587	41.11	ng		94
20) 3+4-Methylphenols	8.699	107	756578	47.26	ng		99
22) Acetophenone	8.746	105	892524	38.73	ng		98
24) Nitrobenzene	9.128	77	662894	40.91	ng		98
25) Isophorone	9.658	82	1241629	40.13	ng		100
26) 2-Nitrophenol	9.840	139	341401	41.61	ng		96
27) 2,4-Dimethylphenol	9.905	122	618119	49.02	ng		96
28) bis(2-Chloroethoxy)met...	10.140	93	787433	38.56	ng		99
29) 2,4-Dichlorophenol	10.375	162	670613	44.23	ng		98
30) 1,2,4-Trichlorobenzene	10.593	180	642602	38.11	ng		97
31) Naphthalene	10.775	128	1814594	39.22	ng		99
32) Benzoic acid	10.063	122	474159	43.62	ng		98
33) 4-Chloroaniline	10.887	127	596353	29.26	ng		98
34) Hexachlorobutadiene	11.075	225	409479	36.99	ng		99
35) Caprolactam	11.681	113	226581m	42.81	ng		
36) 4-Chloro-3-methylphenol	12.016	107	747459	43.64	ng		98
37) 2-Methylnaphthalene	12.387	142	1404670	41.16	ng		99
38) 1-Methylnaphthalene	12.604	142	1308757	39.14	ng		99
40) 1,2,4,5-Tetrachloroben...	12.757	216	773936	38.26	ng		99
41) Hexachlorocyclopentadiene	12.746	237	1002898	92.57	ng		98
43) 2,4,6-Trichlorophenol	12.999	196	574999	40.70	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.069	196	632569	41.33	ng		97
46) 1,1'-Biphenyl	13.399	154	1769213	37.98	ng		99
47) 2-Chloronaphthalene	13.440	162	1424558	39.35	ng		99
48) 2-Nitroaniline	13.640	65	447621	42.97	ng		97
49) Acenaphthylene	14.287	152	2325394	40.90	ng		99
50) Dimethylphthalate	14.028	163	1990581	39.97	ng		99
51) 2,6-Dinitrotoluene	14.140	165	437310	42.46	ng		96
52) Acenaphthene	14.628	154	1366474	39.79	ng		99
53) 3-Nitroaniline	14.469	138	372932	33.94	ng	#	95
54) 2,4-Dinitrophenol	14.675	184	557052	87.98	ng		89
55) Dibenzofuran	14.963	168	2266162	39.01	ng		98
56) 4-Nitrophenol	14.787	139	796926	85.39	ng		94
57) 2,4-Dinitrotoluene	14.928	165	629010	44.36	ng		90
58) Fluorene	15.616	166	1783797	40.49	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.193	232	566792m	41.14	ng		
60) Diethylphthalate	15.393	149	1992305	41.21	ng		100
61) 4-Chlorophenyl-phenyle...	15.610	204	937801	38.97	ng		97
62) 4-Nitroaniline	15.634	138	460600	41.27	ng		94
63) Azobenzene	15.904	77	1614250	39.56	ng		98
65) 4,6-Dinitro-2-methylph...	15.693	198	344438	37.80	ng		93
66) n-Nitrosodiphenylamine	15.822	169	1579684	39.87	ng		98
67) 4-Bromophenyl-phenylether	16.510	248	604590	39.24	ng		97
68) Hexachlorobenzene	16.628	284	682550	39.70	ng		94
69) Atrazine	16.787	200	657917	43.37	ng		98
70) Pentachlorophenol	16.969	266	945965	85.56	ng		97
71) Phenanthrene	17.363	178	2922501	39.95	ng		100
72) Anthracene	17.451	178	3005736	41.75	ng		100
73) Carbazole	17.722	167	2795431	39.06	ng		99
74) Di-n-butylphthalate	18.281	149	3375638	41.42	ng		99
75) Fluoranthene	19.328	202	3775408	40.91	ng		98
77) Benzidine	19.504	184	2093565	52.58	ng		99
78) Pyrene	19.681	202	3912206	40.37	ng		99
80) Butylbenzylphthalate	20.557	149	1686361	41.41	ng		99
81) Benzo(a)anthracene	21.398	228	4120829	39.59	ng		99
82) 3,3'-Dichlorobenzidine	21.328	252	1349800	38.62	ng		99
83) Chrysene	21.451	228	3984851	40.44	ng		99
84) Bis(2-ethylhexyl)phtha...	21.328	149	2439828	41.77	ng	#	98
85) Di-n-octyl phthalate	22.263	149	4619539	43.97	ng		97
87) Indeno(1,2,3-cd)pyrene	26.410	276	5665268	42.04	ng		96
88) Benzo(b)fluoranthene	23.110	252	4793736	44.98	ng		98
89) Benzo(k)fluoranthene	23.157	252	4475365	42.31	ng		99
90) Benzo(a)pyrene	23.745	252	4648067	50.37	ng		98
91) Dibenzo(a,h)anthracene	26.427	278	4806507	43.04	ng		98
92) Benzo(g,h,i)perylene	27.192	276	4796347	43.29	ng		97

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

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