Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111021\
Data File : BP007914.D
Acq On : 10 Nov 2021 11:38
Operator : CG/JU
Sample : PB140580BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 10 13:13:35 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 09 10:45:24 2021
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
PB140580BS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/10/2021
Supervised By :mohammad ahmed 11/11/2021

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.863	152	185965	20.000	ng		0.00
21) Naphthalene-d8	10.663	136	759040	20.000	ng		0.00
39) Acenaphthene-d10	14.498	164	485407	20.000	ng		0.00
64) Phenanthrene-d10	17.257	188	1115549	20.000	ng	#	0.00
76) Chrysene-d12	21.351	240	1290202	20.000	ng	#	0.00
86) Perylene-d12	23.763	264	1412782	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.446	112	1420034	129.502	ng		0.00
7) Phenol-d6	7.046	99	1774058	111.779	ng		0.00
23) Nitrobenzene-d5	9.022	82	1119513	79.228	ng		0.00
42) 2,4,6-Tribromophenol	15.998	330	975208	140.774	ng		0.00
45) 2-Fluorobiphenyl	13.128	172	2754171	82.628	ng		0.00
79) Terphenyl-d14	19.822	244	5106880	80.600	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.352	88	127827	33.023	ng		97
3) Pyridine	3.752	79	348125	28.614	ng		97
4) n-Nitrosodimethylamine	3.658	42	216015	41.517	ng	#	96
6) Aniline	7.187	93	755142	42.242	ng		97
8) 2-Chlorophenol	7.428	128	543750	44.998	ng		97
9) Benzaldehyde	6.999	77	327141	37.907	ng		96
10) Phenol	7.069	94	664366	43.836	ng		96
11) bis(2-Chloroethyl)ether	7.287	93	479806	39.661	ng		96
12) 1,3-Dichlorobenzene	7.752	146	562411	41.848	ng		98
13) 1,4-Dichlorobenzene	7.899	146	577221	42.035	ng		99
14) 1,2-Dichlorobenzene	8.216	146	559214	42.141	ng		99
15) Benzyl Alcohol	8.105	79	512341	42.638	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.399	45	552841	38.985	ng		96
17) 2-Methylphenol	8.316	107	458958	43.792	ng		97
18) Hexachloroethane	8.940	117	205340	43.243	ng		93
19) n-Nitroso-di-n-propyla...	8.675	70	379541	39.075	ng		94
20) 3+4-Methylphenols	8.646	107	626243	42.478	ng		98
22) Acetophenone	8.687	105	789940	41.303	ng		99
24) Nitrobenzene	9.063	77	580836	43.196	ng		98
25) Isophorone	9.599	82	1053769	41.035	ng		98
26) 2-Nitrophenol	9.775	139	300182	44.081	ng		96
27) 2,4-Dimethylphenol	9.846	122	505793	48.332	ng		95
28) bis(2-Chloroethoxy)met...	10.075	93	636571	37.566	ng		99
29) 2,4-Dichlorophenol	10.316	162	564908	44.898	ng		98
30) 1,2,4-Trichlorobenzene	10.528	180	584101	41.740	ng		98
31) Naphthalene	10.710	128	1587284	41.339	ng		98
32) Benzoic acid	10.022	122	382204	42.368	ng		99
33) 4-Chloroaniline	10.822	127	667321	39.455	ng		98
34) Hexachlorobutadiene	11.004	225	396363	43.141	ng		98
35) Caprolactam	11.634	113	193899m	44.149	ng		
36) 4-Chloro-3-methylphenol	11.957	107	616708	43.389	ng		99
37) 2-Methylnaphthalene	12.322	142	1202427	42.455	ng		98
38) 1-Methylnaphthalene	12.540	142	1114000	40.144	ng		99
40) 1,2,4,5-Tetrachloroben...	12.693	216	705967	46.394	ng		99
41) Hexachlorocyclopentadiene	12.675	237	862147	105.788	ng		97
43) 2,4,6-Trichlorophenol	12.934	196	489644	46.069	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.010	196	544367	47.282	ng		96
46) 1,1'-Biphenyl	13.334	154	1400428	39.958	ng		98
47) 2-Chloronaphthalene	13.375	162	1136107	41.714	ng		99
48) 2-Nitroaniline	13.581	65	355577	45.373	ng		97
49) Acenaphthylene	14.222	152	1831520	42.820	ng		98
50) Dimethylphthalate	13.969	163	1582274	42.233	ng		99
51) 2,6-Dinitrotoluene	14.081	165	350087	45.184	ng		94
52) Acenaphthene	14.563	154	1068105	41.348	ng		97
53) 3-Nitroaniline	14.410	138	337477	40.827	ng	#	95
54) 2,4-Dinitrophenol	14.622	184	462191	97.038	ng	#	89
55) Dibenzofuran	14.898	168	1778821	40.707	ng		97
56) 4-Nitrophenol	14.734	139	601345	85.652	ng		91
57) 2,4-Dinitrotoluene	14.869	165	500026	46.879	ng		92
58) Fluorene	15.551	166	1419807	42.836	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.128	232	468477m	45.202	ng		
60) Diethylphthalate	15.328	149	1592280	43.776	ng		99
61) 4-Chlorophenyl-phenyle...	15.545	204	769341	42.496	ng		99
62) 4-Nitroaniline	15.581	138	382436	45.554	ng		90
63) Azobenzene	15.840	77	1311520	42.721	ng		97
65) 4,6-Dinitro-2-methylph...	15.640	198	305701	41.851	ng		88
66) n-Nitrosodiphenylamine	15.763	169	1326943	41.782	ng		99
67) 4-Bromophenyl-phenylether	16.439	248	525599	42.559	ng		99
68) Hexachlorobenzene	16.563	284	614506	44.592	ng		94
69) Atrazine	16.722	200	575161	47.295	ng		98
70) Pentachlorophenol	16.910	266	816420	92.113	ng		96
71) Phenanthrene	17.298	178	2470268	42.123	ng		100
72) Anthracene	17.392	178	2537724	43.972	ng		100
73) Carbazole	17.663	167	2331739	40.646	ng		99
74) Di-n-butylphthalate	18.216	149	2812461	43.047	ng		99
75) Fluoranthene	19.269	202	3214286	43.449	ng		97
77) Benzidine	19.445	184	2754386	84.706	ng		99
78) Pyrene	19.622	202	3330071	42.082	ng		99
80) Butylbenzylphthalate	20.498	149	1418092	42.639	ng		94
81) Benzo(a)anthracene	21.333	228	3531625	41.549	ng		100
82) 3,3'-Dichlorobenzidine	21.263	252	1343829	47.082	ng	#	99
83) Chrysene	21.386	228	3439254	42.741	ng		100
84) Bis(2-ethylhexyl)phtha...	21.263	149	2057701	43.140	ng	#	97
85) Di-n-octyl phthalate	22.192	149	3813298	44.442	ng		96
87) Indeno(1,2,3-cd)pyrene	26.298	276	4359093	41.394	ng	#	94
88) Benzo(b)fluoranthene	23.033	252	3876476	46.548	ng	#	98
89) Benzo(k)fluoranthene	23.080	252	3831447	46.355	ng	#	98
90) Benzo(a)pyrene	23.663	252	3778469	52.399	ng	#	97
91) Dibenzo(a,h)anthracene	26.315	278	3710348	42.509	ng	#	96
92) Benzo(g,h,i)perylene	27.074	276	3619877	41.805	ng	#	94

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

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