Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110821\
Data File : BP007865.D
Acq On : 08 Nov 2021 17:34
Operator : CG/JU
Sample : M4579-02MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-10-4.5-5.0MS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/09/2021
Supervised By :mohammad ahmed 11/09/2021

Quant Time: Nov 09 08:41:13 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP110221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 08 16:36:40 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.863	152	138388	20.000	ng		0.00
21) Naphthalene-d8	10.663	136	533100	20.000	ng		0.00
39) Acenaphthene-d10	14.498	164	323580	20.000	ng		0.00
64) Phenanthrene-d10	17.257	188	696305	20.000	ng		0.00
76) Chrysene-d12	21.351	240	777665	20.000	ng		0.00
86) Perylene-d12	23.757	264	914502	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.452	112	844857	103.537	ng		0.00
7) Phenol-d6	7.040	99	1057629	89.548	ng		0.00
23) Nitrobenzene-d5	9.022	82	629768	63.458	ng		-0.01
42) 2,4,6-Tribromophenol	15.992	330	428579	92.807	ng		0.00
45) 2-Fluorobiphenyl	13.128	172	1380651	62.136	ng		0.00
79) Terphenyl-d14	19.816	244	2143424	56.125	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.352	88	114556	40.470	ng		96
3) Pyridine	3.752	79	324258	35.815	ng		95
4) n-Nitrosodimethylamine	3.658	42	163435	42.210	ng	#	94
6) Aniline	7.193	93	564988	42.470	ng		99
8) 2-Chlorophenol	7.434	128	419646	46.667	ng		96
9) Benzaldehyde	6.999	77	239989	37.368	ng		97
10) Phenol	7.069	94	525628	46.605	ng		98
11) bis(2-Chloroethyl)ether	7.287	93	374200	41.566	ng		96
12) 1,3-Dichlorobenzene	7.752	146	449251	44.921	ng		98
13) 1,4-Dichlorobenzene	7.899	146	459935	45.009	ng		100
14) 1,2-Dichlorobenzene	8.216	146	438833	44.438	ng		98
15) Benzyl Alcohol	8.105	79	375663	42.012	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.399	45	436485	41.362	ng		97
17) 2-Methylphenol	8.316	107	349446	44.805	ng		98
18) Hexachloroethane	8.946	117	162517	45.991	ng		94
19) n-Nitroso-di-n-propyla...	8.675	70	287178	39.730	ng		94
20) 3+4-Methylphenols	8.646	107	468414	42.696	ng		100
22) Acetophenone	8.687	105	587783	43.759	ng	#	97
24) Nitrobenzene	9.063	77	432245	45.770	ng		97
25) Isophorone	9.599	82	768890	42.631	ng		98
26) 2-Nitrophenol	9.775	139	224024	46.840	ng		96
27) 2,4-Dimethylphenol	9.846	122	382157	51.995	ng		97
28) bis(2-Chloroethoxy)met...	10.075	93	488177	41.018	ng		99
29) 2,4-Dichlorophenol	10.316	162	404509	45.775	ng		97
30) 1,2,4-Trichlorobenzene	10.528	180	431148	43.868	ng		98
31) Naphthalene	10.716	128	1203128	44.614	ng		99
32) Benzoic acid	9.993	122	273328	43.141	ng		97
33) 4-Chloroaniline	10.822	127	377021	31.739	ng		98
34) Hexachlorobutadiene	11.004	225	284241	44.049	ng		99
35) Caprolactam	11.616	113	124418	40.335	ng		90
36) 4-Chloro-3-methylphenol	11.957	107	423259	42.400	ng		100
37) 2-Methylnaphthalene	12.328	142	882239	44.352	ng		99
38) 1-Methylnaphthalene	12.545	142	815633	41.849	ng		100
40) 1,2,4,5-Tetrachloroben...	12.698	216	482390	47.555	ng		100
41) Hexachlorocyclopentadiene	12.681	237	606919	111.715	ng		98
43) 2,4,6-Trichlorophenol	12.934	196	336086	47.435	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.010	196	366390	47.739	ng		97
46) 1,1'-Biphenyl	13.334	154	1089351	46.627	ng		99
47) 2-Chloronaphthalene	13.375	162	872014	48.030	ng		99
48) 2-Nitroaniline	13.581	65	242901	46.496	ng		94
49) Acenaphthylene	14.222	152	1313907	46.082	ng		99
50) Dimethylphthalate	13.963	163	1060604	42.467	ng		99
51) 2,6-Dinitrotoluene	14.075	165	234867	45.473	ng		97
52) Acenaphthene	14.569	154	775633	45.042	ng		99
53) 3-Nitroaniline	14.404	138	193844	35.179	ng	#	95
54) 2,4-Dinitrophenol	14.616	184	293011	92.284	ng		90
55) Dibenzofuran	14.904	168	1261413	43.303	ng		99
56) 4-Nitrophenol	14.728	139	417669	89.242	ng		95
57) 2,4-Dinitrotoluene	14.869	165	328576	46.211	ng		89
58) Fluorene	15.551	166	1001577	45.330	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.134	232	301495m	43.639	ng		
60) Diethylphthalate	15.328	149	1124310	46.369	ng		100
61) 4-Chlorophenyl-phenyle...	15.545	204	525853	43.573	ng		99
62) 4-Nitroaniline	15.569	138	246285	44.008	ng		97
63) Azobenzene	15.839	77	918135	44.864	ng		99
65) 4,6-Dinitro-2-methylph...	15.634	198	191407	41.982	ng		92
66) n-Nitrosodiphenylamine	15.763	169	904050	45.606	ng		99
67) 4-Bromophenyl-phenylether	16.445	248	338547	43.919	ng		96
68) Hexachlorobenzene	16.563	284	386484	44.932	ng		96
69) Atrazine	16.722	200	355775	46.870	ng		99
70) Pentachlorophenol	16.910	266	500329	90.438	ng		99
71) Phenanthrene	17.298	178	1645406	44.951	ng		100
72) Anthracene	17.392	178	1693160	47.002	ng		99
73) Carbazole	17.663	167	1546968	43.202	ng		99
74) Di-n-butylphthalate	18.222	149	1967002	48.233	ng		99
75) Fluoranthene	19.269	202	2065547	44.733	ng		98
77) Benzidine	19.445	184	1530113	78.069	ng		99
78) Pyrene	19.622	202	2138448	44.834	ng		99
80) Butylbenzylphthalate	20.498	149	938581	46.821	ng		96
81) Benzo(a)anthracene	21.333	228	2222061	43.372	ng		100
82) 3,3'-Dichlorobenzidine	21.263	252	824291	47.913	ng		99
83) Chrysene	21.386	228	2176980	44.885	ng		99
84) Bis(2-ethylhexyl)phtha...	21.263	149	1379635	47.987	ng		98
85) Di-n-octyl phthalate	22.192	149	2515164	48.633	ng		96
87) Indeno(1,2,3-cd)pyrene	26.286	276	3097542	45.441	ng		96
88) Benzo(b)fluoranthene	23.027	252	2531790	46.965	ng		99
89) Benzo(k)fluoranthene	23.074	252	2390618	44.682	ng		99
90) Benzo(a)pyrene	23.657	252	2485002	53.238	ng		98
91) Dibenzo(a,h)anthracene	26.304	278	2618507	46.346	ng		98
92) Benzo(g,h,i)perylene	27.056	276	2631255	46.945	ng		97

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

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