Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121021\
Data File : BP008346.D
Acq On : 10 Dec 2021 18:17
Operator : CG/JU
Sample : M4966-06MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
P1-COMPMS

Manual Integrations APPROVED
Reviewed By :Christian Giraldo 12/11/2021
Supervised By :Jagrut Upadhyay 12/13/2021

Quant Time: Dec 11 04:00:05 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 11 03:53:01 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.764	152	71165	20.000	ng		0.00
21) Naphthalene-d8	10.557	136	246839	20.000	ng		0.00
39) Acenaphthene-d10	14.416	164	138519	20.000	ng		0.00
64) Phenanthrene-d10	17.175	188	255627	20.000	ng		0.00
76) Chrysene-d12	21.286	240	263226	20.000	ng		0.00
86) Perylene-d12	23.669	264	287036	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.358	112	540393	122.263	ng		0.00
7) Phenol-d6	6.952	99	603165	101.090	ng		0.00
23) Nitrobenzene-d5	8.922	82	517707	95.373	ng		0.00
42) 2,4,6-Tribromophenol	15.916	330	224474	126.785	ng		0.00
45) 2-Fluorobiphenyl	13.034	172	897387	94.102	ng		0.00
79) Terphenyl-d14	19.751	244	1174182	93.226	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.276	88	84380	40.920	ng	#	32
3) Pyridine	3.681	79	113015	20.535	ng		98
4) n-Nitrosodimethylamine	3.581	42	105609	46.005	ng	#	94
6) Aniline	7.099	93	112202	16.042	ng		96
8) 2-Chlorophenol	7.334	128	208466	46.074	ng		100
9) Benzaldehyde	6.911	77	121710	36.429	ng		97
10) Phenol	6.981	94	246728	40.240	ng		98
11) bis(2-Chloroethyl)ether	7.193	93	231147	47.165	ng		98
12) 1,3-Dichlorobenzene	7.646	146	242380	46.410	ng		98
13) 1,4-Dichlorobenzene	7.793	146	244566	46.188	ng		96
14) 1,2-Dichlorobenzene	8.111	146	234648	44.559	ng		97
15) Benzyl Alcohol	8.016	79	218378	46.194	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.299	45	354320	47.916	ng		99
17) 2-Methylphenol	8.222	107	174143	43.656	ng		95
18) Hexachloroethane	8.834	117	95512	48.512	ng		95
19) n-Nitroso-di-n-propyla...	8.575	70	188837	45.739	ng		98
20) 3+4-Methylphenols	8.558	107	224918	40.855	ng		96
22) Acetophenone	8.593	105	341545	50.586	ng	#	98
24) Nitrobenzene	8.969	77	275698	52.372	ng		99
25) Isophorone	9.499	82	457614	48.187	ng		98
26) 2-Nitrophenol	9.681	139	109926	48.399	ng		93
27) 2,4-Dimethylphenol	9.752	122	177285	52.192	ng		98
28) bis(2-Chloroethoxy)met...	9.975	93	278000	45.931	ng		99
29) 2,4-Dichlorophenol	10.228	162	187318	46.173	ng		96
30) 1,2,4-Trichlorobenzene	10.422	180	227472	48.309	ng		98
31) Naphthalene	10.605	128	611246	48.340	ng		99
32) Benzoic acid	9.946	122	102619	36.932	ng		96
33) 4-Chloroaniline	10.746	127	56447	10.760	ng		94
34) Hexachlorobutadiene	10.893	225	159775	49.583	ng		98
35) Caprolactam	11.546	113	38461	42.679	ng		94
36) 4-Chloro-3-methylphenol	11.881	107	203449	43.869	ng		96
37) 2-Methylnaphthalene	12.228	142	418962	46.847	ng		97
38) 1-Methylnaphthalene	12.446	142	382936	43.989	ng		99
40) 1,2,4,5-Tetrachloroben...	12.599	216	249345	55.415	ng		99
41) Hexachlorocyclopentadiene	12.575	237	229331	132.568	ng		100
43) 2,4,6-Trichlorophenol	12.851	196	146777	48.146	ng		97

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	12.940	196	156082	47.780	ng		98
46)	1,1'-Biphenyl	13.246	154	504284	50.177	ng		99
47)	2-Chloronaphthalene	13.287	162	403695	50.864	ng		99
48)	2-Nitroaniline	13.504	65	145393	53.160	ng		97
49)	Acenaphthylene	14.134	152	605805	49.476	ng		99
50)	Dimethylphthalate	13.881	163	476807	45.839	ng		99
51)	2,6-Dinitrotoluene	13.998	165	103850	48.106	ng		92
52)	Acenaphthene	14.475	154	359601	49.281	ng		100
53)	3-Nitroaniline	14.340	138	53113	24.277	ng		95
54)	2,4-Dinitrophenol	14.563	184	115223	90.274	ng		94
55)	Dibenzofuran	14.816	168	586645	47.046	ng		98
56)	4-Nitrophenol	14.687	139	122800	73.232	ng		85
57)	2,4-Dinitrotoluene	14.804	165	142607	48.136	ng	#	83
58)	Fluorene	15.469	166	455334	44.944	ng		99
59)	2,3,4,6-Tetrachlorophenol	15.057	232	126305m	43.481	ng		
60)	Diethylphthalate	15.251	149	458626	44.431	ng		99
61)	4-Chlorophenyl-phenyle...	15.463	204	242314	43.605	ng		98
62)	4-Nitroaniline	15.510	138	77573	34.171	ng		90
63)	Azobenzene	15.757	77	507953	48.109	ng		97
65)	4,6-Dinitro-2-methylph...	15.575	198	75638	45.239	ng		93
66)	n-Nitrosodiphenylamine	15.681	169	383348	51.771	ng		99
67)	4-Bromophenyl-phenylether	16.363	248	151727	53.377	ng		96
68)	Hexachlorobenzene	16.481	284	165413	54.439	ng		98
69)	Atrazine	16.645	200	142956	74.388	ng		97
70)	Pentachlorophenol	16.840	266	166697	92.261	ng		99
71)	Phenanthrene	17.222	178	688641	51.023	ng		100
72)	Anthracene	17.310	178	693724	51.793	ng		100
73)	Carbazole	17.592	167	598564	45.779	ng		99
74)	Di-n-butylphthalate	18.145	149	713245	43.576	ng		99
75)	Fluoranthene	19.198	202	790068	43.454	ng		99
77)	Benzidine	19.392	184	64261	17.797	ng	#	94
78)	Pyrene	19.557	202	820143	49.741	ng		99
80)	Butylbenzylphthalate	20.433	149	319581	42.636	ng		99
81)	Benzo(a)anthracene	21.269	228	834336	47.825	ng		99
82)	3,3'-Dichlorobenzidine	21.204	252	184069	22.394	ng		100
83)	Chrysene	21.322	228	825293	49.714	ng		100
84)	Bis(2-ethylhexyl)phtha...	21.198	149	514298	45.191	ng		100
85)	Di-n-octyl phthalate	22.110	149	808065	41.798	ng		98
87)	Indeno(1,2,3-cd)pyrene	26.151	276	1163235	55.705	ng		97
88)	Benzo(b)fluoranthene	22.945	252	896178	51.790	ng		99
89)	Benzo(k)fluoranthene	22.992	252	820292	48.421	ng		98
90)	Benzo(a)pyrene	23.563	252	860509	58.185	ng		99
91)	Dibenzo(a,h)anthracene	26.163	278	988897	57.021	ng		98
92)	Benzo(g,h,i)perylene	26.910	276	1000866	57.206	ng		98

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

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