Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121121\
Data File : BP008368.D
Acq On : 11 Dec 2021 15:03
Operator : CG/JU
Sample : M4966-06MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
P1-COMPMS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 12/13/2021
Supervised By :Jagrut Upadhyay 12/13/2021

Quant Time: Dec 11 20:12:23 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	7.751	152	51255	20.000	ng		-0.01
21) Naphthalene-d8	10.545	136	187935	20.000	ng		-0.01
39) Acenaphthene-d10	14.410	164	121799	20.000	ng		0.00
64) Phenanthrene-d10	17.174	188	265481	20.000	ng		0.00
76) Chrysene-d12	21.280	240	313120	20.000	ng		0.00
86) Perylene-d12	23.656	264	374155	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.351	112	371961	116.846	ng		0.00
7) Phenol-d6	6.945	99	436924	101.674	ng		0.00
23) Nitrobenzene-d5	8.916	82	363311	87.908	ng		-0.01
42) 2,4,6-Tribromophenol	15.910	330	213159	136.922	ng		0.00
45) 2-Fluorobiphenyl	13.028	172	706676	84.276	ng		0.00
79) Terphenyl-d14	19.745	244	1267416	84.594	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.263	88	54849	36.932	ng	#	33
3) Pyridine	3.669	79	81291	20.508	ng		99
4) n-Nitrosodimethylamine	3.569	42	76230	46.107	ng	#	97
6) Aniline	7.087	93	99292	19.711	ng		95
8) 2-Chlorophenol	7.328	128	146235	44.875	ng		97
9) Benzaldehyde	6.898	77	85853	35.576	ng		97
10) Phenol	6.975	94	176726	40.019	ng		93
11) bis(2-Chloroethyl)ether	7.187	93	156310	44.285	ng		96
12) 1,3-Dichlorobenzene	7.640	146	159374	42.370	ng		98
13) 1,4-Dichlorobenzene	7.787	146	163957	42.993	ng		96
14) 1,2-Dichlorobenzene	8.104	146	155688	41.049	ng		98
15) Benzyl Alcohol	8.010	79	162261	47.657	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.287	45	239577	44.984	ng		99
17) 2-Methylphenol	8.216	107	127920	44.526	ng		95
18) Hexachloroethane	8.822	117	62563	44.120	ng		97
19) n-Nitroso-di-n-propyla...	8.569	70	134742	45.314	ng		98
20) 3+4-Methylphenols	8.551	107	168949	42.610	ng		97
22) Acetophenone	8.581	105	242707	47.214	ng		96
24) Nitrobenzene	8.957	77	195644	48.813	ng		99
25) Isophorone	9.492	82	341281	47.200	ng		99
26) 2-Nitrophenol	9.675	139	79865	46.184	ng	#	92
27) 2,4-Dimethylphenol	9.745	122	130146	50.324	ng		99
28) bis(2-Chloroethoxy)met...	9.969	93	195877	42.506	ng		99
29) 2,4-Dichlorophenol	10.228	162	142188	46.034	ng		97
30) 1,2,4-Trichlorobenzene	10.416	180	159823	44.581	ng		97
31) Naphthalene	10.598	128	433388	45.016	ng		100
32) Benzoic acid	9.945	122	77456	36.613	ng		97
33) 4-Chloroaniline	10.739	127	35533	8.897	ng	#	93
34) Hexachlorobutadiene	10.886	225	109415	44.597	ng		98
35) Caprolactam	11.539	113	34789	50.704	ng		97
36) 4-Chloro-3-methylphenol	11.875	107	168433	47.702	ng		95
37) 2-Methylnaphthalene	12.216	142	312747	45.931	ng		97
38) 1-Methylnaphthalene	12.439	142	288870	43.584	ng		98
40) 1,2,4,5-Tetrachloroben...	12.592	216	183982	46.502	ng		99
41) Hexachlorocyclopentadiene	12.569	237	125457	82.478	ng		98
43) 2,4,6-Trichlorophenol	12.845	196	121033	45.152	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.933	196	130731	45.513	ng		98
46) 1,1'-Biphenyl	13.239	154	388607	43.975	ng		99
47) 2-Chloronaphthalene	13.280	162	316008	45.281	ng		99
48) 2-Nitroaniline	13.498	65	126076	52.425	ng		97
49) Acenaphthylene	14.127	152	496602	46.125	ng		100
50) Dimethylphthalate	13.875	163	413174	45.175	ng		99
51) 2,6-Dinitrotoluene	13.998	165	90771	47.820	ng		96
52) Acenaphthene	14.474	154	294319	45.871	ng		99
53) 3-Nitroaniline	14.333	138	51537	26.791	ng		92
54) 2,4-Dinitrophenol	14.557	184	108156	96.369	ng		87
55) Dibenzofuran	14.810	168	490573	44.742	ng		97
56) 4-Nitrophenol	14.680	139	116646	79.111	ng		87
57) 2,4-Dinitrotoluene	14.798	165	129570	49.739	ng	#	86
58) Fluorene	15.463	166	396751	44.538	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.051	232	113760m	44.538	ng		
60) Diethylphthalate	15.245	149	412492	45.447	ng		99
61) 4-Chlorophenyl-phenyle...	15.457	204	208451	42.661	ng		98
62) 4-Nitroaniline	15.504	138	83664	41.913	ng		88
63) Azobenzene	15.751	77	432511	46.587	ng		95
65) 4,6-Dinitro-2-methylph...	15.574	198	72541	41.776	ng		95
66) n-Nitrosodiphenylamine	15.674	169	341062	44.350	ng		100
67) 4-Bromophenyl-phenylether	16.357	248	135034	45.741	ng		97
68) Hexachlorobenzene	16.480	284	153608	48.677	ng		96
69) Atrazine	16.645	200	141877	71.086	ng		97
70) Pentachlorophenol	16.833	266	164515	87.674	ng		97
71) Phenanthrene	17.216	178	653093	46.593	ng		99
72) Anthracene	17.310	178	655155	47.098	ng		99
73) Carbazole	17.586	167	600181	44.199	ng		99
74) Di-n-butylphthalate	18.139	149	718242	42.253	ng		99
75) Fluoranthene	19.198	202	816233	43.227	ng		98
77) Benzidine	19.386	184	56900	13.248	ng		98
78) Pyrene	19.551	202	849721	42.969	ng		100
80) Butylbenzylphthalate	20.427	149	349649	39.214	ng		100
81) Benzo(a)anthracene	21.262	228	913807	44.034	ng		99
82) 3,3'-Dichlorobenzidine	21.198	252	204251	20.890	ng		100
83) Chrysene	21.321	228	894337	45.289	ng		99
84) Bis(2-ethylhexyl)phtha...	21.192	149	561445	41.473	ng		99
85) Di-n-octyl phthalate	22.103	149	934760	40.646	ng		99
87) Indeno(1,2,3-cd)pyrene	26.144	276	1353673	49.730	ng		96
88) Benzo(b)fluoranthene	22.939	252	1080405	47.899	ng		99
89) Benzo(k)fluoranthene	22.986	252	997866	45.188	ng		98
90) Benzo(a)pyrene	23.556	252	1037483	53.817	ng	#	98
91) Dibenzo(a,h)anthracene	26.150	278	1157039	51.182	ng		98
92) Benzo(g,h,i)perylene	26.903	276	1139513	49.965	ng		97

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

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