Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110421\
Data File : BP007851.D
Acq On : 04 Nov 2021 16:54
Operator : CG/JU
Sample : M4436-01MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
S15-SPMS

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 11/08/2021
Supervised By :mohammad ahmed 11/08/2021

Quant Time: Nov 07 11:15:23 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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.910	152	182454	20.000	ng		-0.01
21) Naphthalene-d8	10.716	136	653512	20.000	ng		-0.01
39) Acenaphthene-d10	14.551	164	415456	20.000	ng		-0.01
64) Phenanthrene-d10	17.310	188	863600	20.000	ng		-0.01
76) Chrysene-d12	21.404	240	881888	20.000	ng		-0.01
86) Perylene-d12	23.839	264	1063953	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.493	112	1122776	104.363	ng		0.00
7) Phenol-d6	7.087	99	1385721	88.991	ng		0.00
23) Nitrobenzene-d5	9.069	82	799485	65.716	ng		-0.02
42) 2,4,6-Tribromophenol	16.045	330	562691	94.902	ng		-0.01
45) 2-Fluorobiphenyl	13.175	172	1843948	64.635	ng		-0.02
79) Terphenyl-d14	19.868	244	2733826	63.124	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.375	88	155404	41.740	ng		96
3) Pyridine	3.775	79	411702	34.491	ng		94
4) n-Nitrosodimethylamine	3.687	42	205497	40.255	ng	#	94
6) Aniline	7.234	93	330046	18.818	ng		99
8) 2-Chlorophenol	7.475	128	532641	44.927	ng		98
9) Benzaldehyde	7.045	77	310053	36.618	ng		94
10) Phenol	7.116	94	648066	43.583	ng		97
11) bis(2-Chloroethyl)ether	7.334	93	475293	40.044	ng		97
12) 1,3-Dichlorobenzene	7.798	146	574331	43.558	ng		98
13) 1,4-Dichlorobenzene	7.945	146	584592	43.391	ng		99
14) 1,2-Dichlorobenzene	8.263	146	556131	42.715	ng		98
15) Benzyl Alcohol	8.151	79	457399	38.798	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.439	45	511109	36.736	ng		97
17) 2-Methylphenol	8.363	107	425244	41.356	ng		98
18) Hexachloroethane	8.992	117	195462	41.955	ng		92
19) n-Nitroso-di-n-propyla...	8.722	70	323659	33.963	ng		95
20) 3+4-Methylphenols	8.692	107	541252	37.420	ng		99
22) Acetophenone	8.734	105	690151	41.913	ng	#	97
24) Nitrobenzene	9.110	77	507763	43.860	ng		97
25) Isophorone	9.645	82	877707	39.698	ng		98
26) 2-Nitrophenol	9.828	139	266323	45.425	ng		97
27) 2,4-Dimethylphenol	9.892	122	438740	48.695	ng		99
28) bis(2-Chloroethoxy)met...	10.128	93	558078	38.252	ng		99
29) 2,4-Dichlorophenol	10.369	162	473451	43.705	ng		97
30) 1,2,4-Trichlorobenzene	10.581	180	516000	42.828	ng		99
31) Naphthalene	10.763	128	1435288	43.417	ng		99
32) Benzoic acid	10.051	122	333396	42.926	ng		100
33) 4-Chloroaniline	10.875	127	148568	10.202	ng		97
34) Hexachlorobutadiene	11.057	225	343563	43.432	ng		99
35) Caprolactam	11.669	113	143576	37.970	ng		94
36) 4-Chloro-3-methylphenol	12.010	107	480903	39.298	ng		99
37) 2-Methylnaphthalene	12.375	142	1032938	42.360	ng		99
38) 1-Methylnaphthalene	12.592	142	952372	39.862	ng		99
40) 1,2,4,5-Tetrachloroben...	12.745	216	576556	44.269	ng		99
41) Hexachlorocyclopentadiene	12.727	237	514633	73.779	ng		98
43) 2,4,6-Trichlorophenol	12.986	196	392777	43.177	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.063	196	424750	43.104	ng		97
46) 1,1'-Biphenyl	13.386	154	1276013	42.538	ng		98
47) 2-Chloronaphthalene	13.427	162	1024588	43.954	ng		99
48) 2-Nitroaniline	13.627	65	284324	42.390	ng		95
49) Acenaphthylene	14.274	152	1747115	47.724	ng		99
50) Dimethylphthalate	14.016	163	1266238	39.488	ng		100
51) 2,6-Dinitrotoluene	14.127	165	280698	42.328	ng		92
52) Acenaphthene	14.616	154	954696	43.180	ng		99
53) 3-Nitroaniline	14.451	138	156052	22.057	ng	#	96
54) 2,4-Dinitrophenol	14.663	184	222712	54.632	ng		91
55) Dibenzofuran	14.951	168	1540998	41.202	ng		99
56) 4-Nitrophenol	14.780	139	486821	81.015	ng		94
57) 2,4-Dinitrotoluene	14.916	165	387327	42.427	ng		89
58) Fluorene	15.604	166	1213413	42.773	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.180	232	366113m	41.273	ng		
60) Diethylphthalate	15.380	149	1262341	40.549	ng		99
61) 4-Chlorophenyl-phenyle...	15.598	204	630775	40.708	ng		98
62) 4-Nitroaniline	15.621	138	270584	37.657	ng		98
63) Azobenzene	15.892	77	1081671	41.166	ng		97
65) 4,6-Dinitro-2-methylph...	15.686	198	161648	28.586	ng		88
66) n-Nitrosodiphenylamine	15.810	169	1077936	43.844	ng		98
67) 4-Bromophenyl-phenylether	16.498	248	409460	42.828	ng		96
68) Hexachlorobenzene	16.616	284	460884	43.202	ng		94
69) Atrazine	16.774	200	417568	44.354	ng		98
70) Pentachlorophenol	16.963	266	575828	83.922	ng		98
71) Phenanthrene	17.351	178	2113289	46.549	ng		100
72) Anthracene	17.445	178	2088852	46.753	ng		99
73) Carbazole	17.715	167	1819691	40.974	ng		100
74) Di-n-butylphthalate	18.274	149	2174496	42.992	ng		99
75) Fluoranthene	19.321	202	3096763	54.073	ng		98
77) Benzidine	19.498	184	904120	40.678	ng		99
78) Pyrene	19.674	202	3331881	61.599	ng		99
80) Butylbenzylphthalate	20.551	149	1012031	44.519	ng		97
81) Benzo(a)anthracene	21.392	228	3273763	56.348	ng		97
82) 3,3'-Dichlorobenzidine	21.321	252	744192	38.145	ng		99
83) Chrysene	21.445	228	3037721	55.230	ng		99
84) Bis(2-ethylhexyl)phtha...	21.315	149	1487608	45.628	ng		99
85) Di-n-octyl phthalate	22.256	149	2700506	46.045	ng	#	95
87) Indeno(1,2,3-cd)pyrene	26.397	276	4233365	53.380	ng		95
88) Benzo(b)fluoranthene	23.103	252	4263010	67.972	ng		98
89) Benzo(k)fluoranthene	23.150	252	3253247	52.264	ng		99
90) Benzo(a)pyrene	23.739	252	3834778m	70.615	ng		
91) Dibenzo(a,h)anthracene	26.415	278	3075465	46.787	ng		97
92) Benzo(g,h,i)perylene	27.186	276	3697876	56.708	ng		97

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

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