Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062921\
Data File : BP006098.D
Acq On : 29 Jun 2021 19:11
Operator : CG/JU
Sample : M2856-18MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-09-COMPMSD

Manual Integrations APPROVED
mohammad
6/30/2021 2:13:56 PM

Quant Time: Jun 30 01:12:44 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 28 11:34:30 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.899	152	110332	20.000	ng	0.00
21) Naphthalene-d8	10.704	136	405355	20.000	ng	0.00
39) Acenaphthene-d10	14.534	164	217378	20.000	ng	0.00
64) Phenanthrene-d10	17.281	188	386450	20.000	ng	0.00
76) Chrysene-d12	21.357	240	325369	20.000	ng	0.00
86) Perylene-d12	23.757	264	352768	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	674658	98.120	ng	0.00
7) Phenol-d6	7.087	99	806233	90.465	ng	0.00
23) Nitrobenzene-d5	9.069	82	481454	58.231	ng	0.00
42) 2,4,6-Tribromophenol	16.028	330	313874	84.140	ng	0.00
45) 2-Fluorobiphenyl	13.157	172	990089	59.809	ng	0.00
79) Terphenyl-d14	19.828	244	1223019	70.384	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.346	88	129108	41.562	ng	98
3) Pyridine	3.758	79	321250	44.001	ng	98
4) n-Nitrosodimethylamine	3.670	42	146228	43.088	ng	79
6) Aniline	7.234	93	447571	44.983	ng	99
8) 2-Chlorophenol	7.469	128	400187	50.762	ng	99
9) Benzaldehyde	7.046	77	227529	59.888	ng	97
10) Phenol	7.116	94	463960	52.113	ng	95
11) bis(2-Chloroethyl)ether	7.328	93	355477	52.691	ng	99
12) 1,3-Dichlorobenzene	7.787	146	443276	50.285	ng	99
13) 1,4-Dichlorobenzene	7.940	146	454420	50.548	ng	99
14) 1,2-Dichlorobenzene	8.252	146	426077	49.583	ng	97
15) Benzyl Alcohol	8.158	79	334714	49.863	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.434	45	306049	49.075	ng	97
17) 2-Methylphenol	8.363	107	305014	50.283	ng	98
18) Hexachloroethane	8.975	117	165736	50.967	ng	99
19) n-Nitroso-di-n-propyla...	8.722	70	257368	46.942	ng	96
20) 3+4-Methylphenols	8.693	107	402480	49.120	ng	96
22) Acetophenone	8.734	105	543689	50.958	ng	98
24) Nitrobenzene	9.116	77	392386	45.703	ng	98
25) Isophorone	9.646	82	658512	43.128	ng	99
26) 2-Nitrophenol	9.822	139	208692	50.945	ng	93
27) 2,4-Dimethylphenol	9.893	122	321793	52.729	ng	99
28) bis(2-Chloroethoxy)met...	10.116	93	417033	52.334	ng	100
29) 2,4-Dichlorophenol	10.369	162	335266	45.713	ng	99
30) 1,2,4-Trichlorobenzene	10.569	180	383842	46.578	ng	99
31) Naphthalene	10.757	128	1110426	47.346	ng	99
32) Benzoic acid	10.110	122	217701	47.662	ng	98
33) 4-Chloroaniline	10.875	127	172433	18.199	ng	98
34) Hexachlorobutadiene	11.034	225	257926	46.273	ng	99
35) Caprolactam	11.699	113	94114m	44.550	ng	
36) 4-Chloro-3-methylphenol	12.016	107	334950	44.978	ng	96
37) 2-Methylnaphthalene	12.363	142	756413	45.298	ng	99
38) 1-Methylnaphthalene	12.581	142	691696	43.976	ng	99
40) 1,2,4,5-Tetrachloroben...	12.734	216	397083	51.896	ng	99
41) Hexachlorocyclopentadiene	12.704	237	383568	98.411	ng	98
43) 2,4,6-Trichlorophenol	12.981	196	252183	48.051	ng	97

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	13.063	196	269212	47.630	ng		99
46)	1,1'-Biphenyl	13.369	154	880837	50.257	ng		99
47)	2-Chloronaphthalene	13.416	162	707832	49.457	ng		98
48)	2-Nitroaniline	13.628	65	183553	48.778	ng		97
49)	Acenaphthylene	14.257	152	1076147	49.011	ng		99
50)	Dimethylphthalate	13.998	163	908638	50.839	ng		100
51)	2,6-Dinitrotoluene	14.122	165	181638	44.713	ng		96
52)	Acenaphthene	14.598	154	627458	47.056	ng		99
53)	3-Nitroaniline	14.457	138	136961	34.786	ng		96
54)	2,4-Dinitrophenol	14.675	184	193868	80.227	ng		96
55)	Dibenzofuran	14.934	168	983763	44.862	ng		98
56)	4-Nitrophenol	14.787	139	265183	83.094	ng		93
57)	2,4-Dinitrotoluene	14.910	165	243248	44.770	ng		99
58)	Fluorene	15.581	166	771891	45.178	ng		99
59)	2,3,4,6-Tetrachlorophenol	15.169	232	211656m	42.489	ng		
60)	Diethylphthalate	15.351	149	803648	44.816	ng		99
61)	4-Chlorophenyl-phenyle...	15.575	204	397173	44.829	ng		99
62)	4-Nitroaniline	15.622	138	163990	40.466	ng		93
63)	Azobenzene	15.863	77	709620	43.741	ng		97
65)	4,6-Dinitro-2-methylph...	15.681	198	123077	43.338	ng		98
66)	n-Nitrosodiphenylamine	15.792	169	662296	51.680	ng		98
67)	4-Bromophenyl-phenylether	16.469	248	250514	50.505	ng		100
68)	Hexachlorobenzene	16.587	284	297873	50.101	ng		98
69)	Atrazine	16.745	200	227444	57.045	ng		98
70)	Pentachlorophenol	16.939	266	318241	96.266	ng		99
71)	Phenanthrene	17.322	178	1109720	47.816	ng		99
72)	Anthracene	17.416	178	1140904	49.950	ng		99
73)	Carbazole	17.686	167	967328	44.111	ng		100
74)	Di-n-butylphthalate	18.228	149	1254320	49.368	ng		99
75)	Fluoranthene	19.286	202	1205181	42.761	ng		98
77)	Benzidine	19.469	184	447366	66.078	ng		100
78)	Pyrene	19.639	202	1241083	54.638	ng		99
80)	Butylbenzylphthalate	20.498	149	510787	54.659	ng		99
81)	Benzo(a)anthracene	21.339	228	1095563	46.646	ng		100
82)	3,3'-Dichlorobenzidine	21.275	252	367637	45.275	ng		97
83)	Chrysene	21.392	228	1084462	47.671	ng		100
84)	Bis(2-ethylhexyl)phtha...	21.257	149	730644	53.311	ng		99
85)	Di-n-octyl phthalate	22.169	149	1199715	48.932	ng		99
87)	Indeno(1,2,3-cd)pyrene	26.286	276	1642891	54.460	ng		98
88)	Benzo(b)fluoranthene	23.022	252	1165089	48.221	ng		98
89)	Benzo(k)fluoranthene	23.069	252	1122754	47.921	ng		99
90)	Benzo(a)pyrene	23.651	252	1146422	50.469	ng	#	98
91)	Dibenzo(a,h)anthracene	26.298	278	1412974	54.419	ng		99
92)	Benzo(g,h,i)perylene	27.062	276	1458741	56.873	ng		97

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

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