Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042321\
Data File : BP005390.D
Acq On : 23 Apr 2021 13:09
Operator : CG/JU
Sample : M2107-03MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-29-9.5-10.0MS

Manual Integrations APPROVED
mohammad
4/26/2021 11:37:08 AM

Quant Time: Apr 23 14:15:37 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP042121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 21 17:40:15 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.634	152	23026	20.00	ng	-0.01
21) Naphthalene-d8	10.428	136	79520	20.00	ng	# 0.00
39) Acenaphthene-d10	14.304	164	54085	20.00	ng	0.00
64) Phenanthrene-d10	17.069	188	134592	20.00	ng	0.00
76) Chrysene-d12	21.180	240	206029	20.00	ng	0.00
86) Perylene-d12	23.439	264	225173	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.240	112	197506	149.00	ng	0.00
7) Phenol-d6	6.828	99	250912	137.38	ng	0.00
23) Nitrobenzene-d5	8.799	82	209112	114.37	ng	0.00
42) 2,4,6-Tribromophenol	15.810	330	117132	113.22	ng	0.00
45) 2-Fluorobiphenyl	12.916	172	345209	82.62	ng	0.00
79) Terphenyl-d14	19.657	244	764066	68.72	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.164	88	35359	50.06	ng	# 82
3) Pyridine	3.569	79	95415	62.24	ng	# 88
4) n-Nitrosodimethylamine	3.481	42	63546	80.41	ng	# 14
6) Aniline	6.975	93	71248	35.95	ng	# 79
8) 2-Chlorophenol	7.210	128	68290	50.31	ng	# 75
9) Benzaldehyde	6.787	77	61815	57.88	ng	# 69
10) Phenol	6.858	94	108467	59.54	ng	# 53
11) bis(2-Chloroethyl)ether	7.075	93	74651	56.84	ng	88
12) 1,3-Dichlorobenzene	7.522	146	76756	46.77	ng	# 77
13) 1,4-Dichlorobenzene	7.669	146	78386	46.84	ng	92
14) 1,2-Dichlorobenzene	7.987	146	74363	46.46	ng	# 92
15) Benzyl Alcohol	7.887	79	105600	72.50	ng	# 71
16) 2,2'-oxybis(1-Chloropr...	8.169	45	68133	61.81	ng	95
17) 2-Methylphenol	8.093	107	64774	56.54	ng	# 76
18) Hexachloroethane	8.704	117	36489	57.02	ng	94
19) n-Nitroso-di-n-propyla...	8.452	70	81409	68.63	ng	# 93
20) 3+4-Methylphenols	8.422	107	88774	57.72	ng	87
22) Acetophenone	8.463	105	124569	54.59	ng	# 81
24) Nitrobenzene	8.846	77	122187	61.82	ng	# 84
25) Isophorone	9.369	82	201510	56.97	ng	# 91
26) 2-Nitrophenol	9.552	139	35979	56.55	ng	# 58
27) 2,4-Dimethylphenol	9.622	122	65706	61.24	ng	# 75
28) bis(2-Chloroethoxy)met...	9.851	93	92931	60.83	ng	97
29) 2,4-Dichlorophenol	10.087	162	70433	49.61	ng	93
30) 1,2,4-Trichlorobenzene	10.293	180	80802	43.32	ng	98
31) Naphthalene	10.475	128	192524	45.88	ng	99
32) Benzoic acid	9.804	122	47264	57.83	ng	# 43
33) 4-Chloroaniline	10.604	127	17763	11.16	ng	# 84
34) Hexachlorobutadiene	10.751	225	69851	42.20	ng	99
35) Caprolactam	11.410	113	24104m	60.87	ng	
36) 4-Chloro-3-methylphenol	11.746	107	91297	59.61	ng	# 82
37) 2-Methylnaphthalene	12.098	142	144401	47.00	ng	94
38) 1-Methylnaphthalene	12.322	142	133867	45.60	ng	95
40) 1,2,4,5-Tetrachloroben...	12.475	216	112729	47.88	ng	# 96
41) Hexachlorocyclopentadiene	12.445	237	124774	123.95	ng	95
43) 2,4,6-Trichlorophenol	12.728	196	69877	54.79	ng	96

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44) 2,4,5-Trichlorophenol	12.804	196	76470	54.92	ng	#	88
46) 1,1'-Biphenyl	13.128	154	196833	51.13	ng		98
47) 2-Chloronaphthalene	13.169	162	155527	49.07	ng		95
48) 2-Nitroaniline	13.392	65	80424	73.14	ng	#	81
49) Acenaphthylene	14.028	152	250993	54.72	ng		99
50) Dimethylphthalate	13.775	163	233068	59.37	ng		99
51) 2,6-Dinitrotoluene	13.898	165	44402	51.86	ng	#	79
52) Acenaphthene	14.369	154	147823	51.08	ng		96
53) 3-Nitroaniline	14.228	138	17961	24.36	ng	#	78
54) 2,4-Dinitrophenol	14.451	184	64501	105.70	ng	#	62
55) Dibenzofuran	14.710	168	254173	49.04	ng		92
56) 4-Nitrophenol	14.563	139	70440	107.42	ng	#	46
57) 2,4-Dinitrotoluene	14.698	165	66962	49.93	ng	#	71
58) Fluorene	15.363	166	212020	50.98	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.945	232	74277	51.26	ng	#	90
60) Diethylphthalate	15.145	149	232953	62.87	ng		98
61) 4-Chlorophenyl-phenyle...	15.363	204	133557	50.05	ng		95
62) 4-Nitroaniline	15.404	138	38957	50.30	ng	#	75
63) Azobenzene	15.657	77	314627	72.87	ng		88
65) 4,6-Dinitro-2-methylph...	15.469	198	45128	51.00	ng	#	75
66) n-Nitrosodiphenylamine	15.581	169	184500	50.16	ng	#	93
67) 4-Bromophenyl-phenylether	16.263	248	85296	46.38	ng		93
68) Hexachlorobenzene	16.375	284	92207	42.76	ng	#	88
69) Atrazine	16.551	200	89029	58.00	ng		99
70) Pentachlorophenol	16.728	266	121147	104.47	ng		96
71) Phenanthrene	17.116	178	339876	47.38	ng		100
72) Anthracene	17.210	178	355128	50.83	ng		98
73) Carbazole	17.486	167	303163	48.22	ng		98
74) Di-n-butylphthalate	18.045	149	397713	58.06	ng		98
75) Fluoranthene	19.098	202	488665	49.62	ng		100
77) Benzidine	19.292	184	196303	60.30	ng		99
78) Pyrene	19.457	202	506551	43.85	ng		100
80) Butylbenzylphthalate	20.333	149	195744	74.59	ng	#	72
81) Benzo(a)anthracene	21.163	228	622934	46.99	ng		99
82) 3,3'-Dichlorobenzidine	21.104	252	150895	36.62	ng		98
83) Chrysene	21.216	228	602892	45.65	ng		99
84) Bis(2-ethylhexyl)phtha...	21.092	149	311045	66.03	ng		97
85) Di-n-octyl phthalate	21.968	149	548117	70.01	ng	#	85
87) Indeno(1,2,3-cd)pyrene	25.768	276	818339	47.57	ng		100
88) Benzo(b)fluoranthene	22.757	252	683617	46.11	ng		98
89) Benzo(k)fluoranthene	22.804	252	638270	43.85	ng		100
90) Benzo(a)pyrene	23.345	252	599726	44.37	ng		99
91) Dibenzo(a,h)anthracene	25.774	278	701654	47.09	ng		99
92) Benzo(g,h,i)perylene	26.474	276	633203	45.37	ng		99

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

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