Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110321\
Data File : BP007829.D
Acq On : 03 Nov 2021 18:45
Operator : CG/JU
Sample : M4395-10MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MH-GGDMSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 11/04/2021
Supervised By :mohammad ahmed 11/08/2021

Quant Time: Nov 04 07:30:21 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	7.922	152	140739	20.00	ng		0.00
21) Naphthalene-d8	10.722	136	611555	20.00	ng		0.00
39) Acenaphthene-d10	14.557	164	461561	20.00	ng		0.00
64) Phenanthrene-d10	17.316	188	1109625	20.00	ng		0.00
76) Chrysene-d12	21.410	240	1361316	20.00	ng		0.00
86) Perylene-d12	23.839	264	1484378	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.499	112	1106358	133.32	ng		0.00
7) Phenol-d6	7.093	99	1465639	122.02	ng		0.00
23) Nitrobenzene-d5	9.075	82	855592	75.15	ng		-0.01
42) 2,4,6-Tribromophenol	16.051	330	778181	118.14	ng		0.00
45) 2-Fluorobiphenyl	13.181	172	2157155	68.06	ng		-0.01
79) Terphenyl-d14	19.875	244	4375231	65.45	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.381	88	128141	44.86	ng		99
3) Pyridine	3.787	79	365789m	39.73	ng		
4) n-Nitrosodimethylamine	3.693	42	192464	48.88	ng	#	95
6) Aniline	7.246	93	575307	42.52	ng		99
8) 2-Chlorophenol	7.487	128	530615	58.02	ng		96
9) Benzaldehyde	7.052	77	306142	46.87	ng		98
10) Phenol	7.116	94	685724	59.78	ng		98
11) bis(2-Chloroethyl)ether	7.340	93	459609	50.20	ng		98
12) 1,3-Dichlorobenzene	7.811	146	514964	50.63	ng		98
13) 1,4-Dichlorobenzene	7.952	146	523248	50.35	ng		100
14) 1,2-Dichlorobenzene	8.269	146	507710	50.55	ng		100
15) Benzyl Alcohol	8.158	79	489531	53.83	ng		100
16) 2,2'-oxybis(1-Chloropr...	8.452	45	541795	50.48	ng		97
17) 2-Methylphenol	8.369	107	454663	57.32	ng		99
18) Hexachloroethane	9.005	117	185249	51.55	ng		93
19) n-Nitroso-di-n-propyla...	8.728	70	357105	48.58	ng		95
20) 3+4-Methylphenols	8.693	107	631065	56.56	ng		99
22) Acetophenone	8.740	105	731664	47.48	ng		98
24) Nitrobenzene	9.122	77	553120	51.06	ng		99
25) Isophorone	9.652	82	1034542	50.00	ng		99
26) 2-Nitrophenol	9.834	139	287136	52.33	ng		96
27) 2,4-Dimethylphenol	9.899	122	481909	57.16	ng		96
28) bis(2-Chloroethoxy)met...	10.134	93	649197	47.55	ng		100
29) 2,4-Dichlorophenol	10.369	162	565140	55.75	ng		98
30) 1,2,4-Trichlorobenzene	10.587	180	534075	47.37	ng		98
31) Naphthalene	10.775	128	1532432	49.54	ng		98
32) Benzoic acid	10.052	122	414276	57.00	ng		99
33) 4-Chloroaniline	10.881	127	368217	27.02	ng		98
34) Hexachlorobutadiene	11.069	225	340564	46.01	ng		100
35) Caprolactam	11.675	113	204014m	57.65	ng		
36) 4-Chloro-3-methylphenol	12.010	107	635155	55.46	ng		99
37) 2-Methylnaphthalene	12.381	142	1187936	52.06	ng		99
38) 1-Methylnaphthalene	12.604	142	1116813	49.95	ng		99
40) 1,2,4,5-Tetrachloroben...	12.751	216	650854	44.98	ng		99
41) Hexachlorocyclopentadiene	12.740	237	568494	73.36	ng		98
43) 2,4,6-Trichlorophenol	12.993	196	499529	49.43	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.063	196	558653	51.03	ng		97
46) 1,1'-Biphenyl	13.393	154	1531535	45.96	ng		99
47) 2-Chloronaphthalene	13.434	162	1225012	47.30	ng		100
48) 2-Nitroaniline	13.634	65	395409	53.06	ng		97
49) Acenaphthylene	14.281	152	2028744	49.88	ng		99
50) Dimethylphthalate	14.022	163	1705939	47.89	ng		100
51) 2,6-Dinitrotoluene	14.134	165	387092	52.54	ng		94
52) Acenaphthene	14.622	154	1207518	49.16	ng		99
53) 3-Nitroaniline	14.463	138	315482	40.14	ng	#	96
54) 2,4-Dinitrophenol	14.669	184	483899	106.84	ng		92
55) Dibenzofuran	14.957	168	1971858	47.46	ng		99
56) 4-Nitrophenol	14.781	139	739884	110.83	ng		92
57) 2,4-Dinitrotoluene	14.922	165	553922	54.61	ng		91
58) Fluorene	15.610	166	1591599	50.50	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.187	232	503486m	51.09	ng		
60) Diethylphthalate	15.387	149	1748584	50.56	ng		100
61) 4-Chlorophenyl-phenyle...	15.604	204	823962	47.86	ng		98
62) 4-Nitroaniline	15.628	138	416143	52.13	ng		96
63) Azobenzene	15.898	77	1475498	50.55	ng		98
65) 4,6-Dinitro-2-methylph...	15.687	198	320110	44.06	ng		94
66) n-Nitrosodiphenylamine	15.816	169	1456551	46.11	ng		99
67) 4-Bromophenyl-phenylether	16.498	248	556254	45.28	ng		99
68) Hexachlorobenzene	16.622	284	633627	46.23	ng		93
69) Atrazine	16.781	200	609934	50.42	ng		99
70) Pentachlorophenol	16.963	266	831612	94.33	ng		96
71) Phenanthrene	17.357	178	2801805	48.03	ng		100
72) Anthracene	17.445	178	2797229	48.73	ng		99
73) Carbazole	17.716	167	2714079	47.56	ng		100
74) Di-n-butylphthalate	18.275	149	3267129	50.27	ng		99
75) Fluoranthene	19.328	202	3742433	50.86	ng		98
77) Benzidine	19.504	184	1283951	37.42	ng		99
78) Pyrene	19.681	202	3906331	46.79	ng		99
80) Butylbenzylphthalate	20.551	149	1701414	48.49	ng		99
81) Benzo(a)anthracene	21.392	228	4217708	47.03	ng		99
82) 3,3'-Dichlorobenzidine	21.322	252	1350213	44.83	ng		99
83) Chrysene	21.445	228	4131523	48.66	ng		99
84) Bis(2-ethylhexyl)phtha...	21.322	149	2486680	49.41	ng	#	98
85) Di-n-octyl phthalate	22.257	149	4720556	52.14	ng		96
87) Indeno(1,2,3-cd)pyrene	26.392	276	4836068	43.71	ng		97
88) Benzo(b)fluoranthene	23.104	252	4901413	56.02	ng		98
89) Benzo(k)fluoranthene	23.151	252	4434460	51.06	ng		99
90) Benzo(a)pyrene	23.739	252	4521198	59.67	ng		98
91) Dibenzo(a,h)anthracene	26.415	278	4114412	44.86	ng		98
92) Benzo(g,h,i)perylene	27.180	276	3967930	43.61	ng		98

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

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