Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM033021\
Data File : BM029272.D
Acq On : 30 Mar 2021 16:12
Operator : CG/JU
Sample : PB135411BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB135411BS

Manual Integrations APPROVED
mohammad
3/31/2021 1:36:41 PM

Quant Time: Mar 30 16:44:24 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 29 11:14:33 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.745	152	161124	20.00	ng		0.00
21) Naphthalene-d8	10.528	136	632096	20.00	ng		0.00
39) Acenaphthene-d10	14.374	164	340763	20.00	ng		0.00
64) Phenanthrene-d10	17.115	188	590559	20.00	ng		0.00
76) Chrysene-d12	21.280	240	452480	20.00	ng		0.00
86) Perylene-d12	23.515	264	374093	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.346	112	1140413	122.00	ng		0.00
7) Phenol-d6	6.922	99	1490626	111.13	ng		0.00
23) Nitrobenzene-d5	8.898	82	843503	64.79	ng		0.00
42) 2,4,6-Tribromophenol	15.862	330	346334	109.75	ng		0.00
45) 2-Fluorobiphenyl	12.998	172	1616894	67.30	ng		0.00
79) Terphenyl-d14	19.733	244	1487500	66.04	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.287	88	149939	35.29	ng		98
3) Pyridine	3.681	79	408533	39.89	ng		98
4) n-Nitrosodimethylamine	3.593	42	227122	49.42	ng	#	91
6) Aniline	7.081	93	596103	41.02	ng		99
8) 2-Chlorophenol	7.316	128	495710	47.00	ng		99
9) Benzaldehyde	6.892	77	111206	13.20	ng		95
10) Phenol	6.951	94	606873	45.79	ng		98
11) bis(2-Chloroethyl)ether	7.181	93	473285	49.91	ng		98
12) 1,3-Dichlorobenzene	7.639	146	523328	44.35	ng		97
13) 1,4-Dichlorobenzene	7.781	146	538512	45.01	ng		99
14) 1,2-Dichlorobenzene	8.098	146	511798	44.51	ng		98
15) Benzyl Alcohol	7.987	79	452069	46.59	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.269	45	709952	48.83	ng		100
17) 2-Methylphenol	8.187	107	402165	47.23	ng		98
18) Hexachloroethane	8.822	117	216394	49.78	ng		96
19) n-Nitroso-di-n-propyla...	8.551	70	403745	46.65	ng		97
20) 3+4-Methylphenols	8.516	107	533330	46.80	ng		98
22) Acetophenone	8.563	105	696788	44.04	ng	#	99
24) Nitrobenzene	8.939	77	595228	43.80	ng		99
25) Isophorone	9.469	82	1012272	45.26	ng		100
26) 2-Nitrophenol	9.645	139	252418	55.71	ng		97
27) 2,4-Dimethylphenol	9.710	122	421147	48.49	ng		99
28) bis(2-Chloroethoxy)met...	9.945	93	622828	52.67	ng		99
29) 2,4-Dichlorophenol	10.180	162	426237	45.13	ng		99
30) 1,2,4-Trichlorobenzene	10.392	180	467852	43.63	ng		99
31) Naphthalene	10.580	128	1424111	42.74	ng		99
32) Benzoic acid	9.857	122	274109	48.69	ng		97
33) 4-Chloroaniline	10.686	127	302717	22.99	ng		98
34) Hexachlorobutadiene	10.869	225	276263	44.35	ng		97
35) Caprolactam	11.469	113	113535m	37.76	ng		
36) 4-Chloro-3-methylphenol	11.816	107	431904	42.83	ng		95
37) 2-Methylnaphthalene	12.192	142	1001403	42.98	ng		100
38) 1-Methylnaphthalene	12.410	142	941229	42.47	ng		99
40) 1,2,4,5-Tetrachloroben...	12.563	216	467837	48.99	ng		97
41) Hexachlorocyclopentadiene	12.545	237	643252	122.76	ng		98
43) 2,4,6-Trichlorophenol	12.804	196	304760	49.02	ng		98

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44)	2,4,5-Trichlorophenol	12.874	196	320609	46.39	ng	98
46)	1,1'-Biphenyl	13.210	154	1226030	47.33	ng	99
47)	2-Chloronaphthalene	13.251	162	944817	46.32	ng	99
48)	2-Nitroaniline	13.451	65	295275	44.52	ng	100
49)	Acenaphthylene	14.098	152	1427377	46.00	ng	100
50)	Dimethylphthalate	13.839	163	1088237	45.70	ng	99
51)	2,6-Dinitrotoluene	13.951	165	231123	44.87	ng	97
52)	Acenaphthene	14.439	154	871609	44.20	ng	99
53)	3-Nitroaniline	14.280	138	152973	29.34	ng	96
54)	2,4-Dinitrophenol	14.486	184	241931	79.53	ng	99
55)	Dibenzofuran	14.774	168	1314446	42.37	ng	99
56)	4-Nitrophenol	14.592	139	382569	80.31	ng	93
57)	2,4-Dinitrotoluene	14.739	165	301667	40.49	ng	96
58)	Fluorene	15.421	166	1089560	43.32	ng	98
59)	2,3,4,6-Tetrachlorophenol	14.998	232	232780	41.10	ng	99
60)	Diethylphthalate	15.204	149	1092739	46.58	ng	100
61)	4-Chlorophenyl-phenyle...	15.421	204	527073	45.42	ng	99
62)	4-Nitroaniline	15.439	138	213078	35.31	ng	99
63)	Azobenzene	15.710	77	1212594	45.22	ng	98
65)	4,6-Dinitro-2-methylph...	15.498	198	152286	43.25	ng	100
66)	n-Nitrosodiphenylamine	15.633	169	900062	47.61	ng	99
67)	4-Bromophenyl-phenylether	16.310	248	279050	51.55	ng	99
68)	Hexachlorobenzene	16.421	284	300727	47.21	ng	96
69)	Atrazine	16.586	200	240507	40.29	ng	98
70)	Pentachlorophenol	16.762	266	225419	57.45	ng	97
71)	Phenanthrene	17.157	178	1482680	43.29	ng	99
72)	Anthracene	17.245	178	1500357	45.09	ng	99
73)	Carbazole	17.515	167	1290459	39.42	ng	100
74)	Di-n-butylphthalate	18.086	149	1719888	54.46	ng	100
75)	Fluoranthene	19.168	202	1493317	39.47	ng	99
77)	Benzidine	19.350	184	457091	34.97	ng	100
78)	Pyrene	19.527	202	1497875	48.90	ng	100
80)	Butylbenzylphthalate	20.427	149	678671	57.60	ng	95
81)	Benzo(a)anthracene	21.268	228	1251935	42.39	ng	99
82)	3,3'-Dichlorobenzidine	21.203	252	405229	45.91	ng	98
83)	Chrysene	21.321	228	1213677	41.08	ng	100
84)	Bis(2-ethylhexyl)phtha...	21.203	149	1065390	62.31	ng	99
85)	Di-n-octyl phthalate	22.080	149	1708374	60.81	ng	99
87)	Indeno(1,2,3-cd)pyrene	25.774	276	1320999	48.28	ng	99
88)	Benzo(b)fluoranthene	22.844	252	1208756	49.67	ng	100
89)	Benzo(k)fluoranthene	22.891	252	1101069	46.56	ng	99
90)	Benzo(a)pyrene	23.421	252	1038339	47.10	ng	99
91)	Dibenzo(a,h)anthracene	25.785	278	1114857	47.60	ng	99
92)	Benzo(g,h,i)perylene	26.462	276	1086477	47.35	ng	98

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

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