Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM033021\
Data File : BM029271.D
Acq On : 30 Mar 2021 15:35
Operator : CG/JU
Sample : PB135399BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB135399BS

Manual Integrations APPROVED
mohammad
3/31/2021 1:36:39 PM

Quant Time: Mar 30 16:39:33 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	146382	20.00	ng		0.00
21) Naphthalene-d8	10.528	136	577333	20.00	ng		0.00
39) Acenaphthene-d10	14.374	164	324253	20.00	ng		0.00
64) Phenanthrene-d10	17.109	188	577628	20.00	ng		0.00
76) Chrysene-d12	21.286	240	435600	20.00	ng		0.00
86) Perylene-d12	23.515	264	380613	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.346	112	1093455	128.76	ng		0.00
7) Phenol-d6	6.922	99	1434714	117.73	ng		0.00
23) Nitrobenzene-d5	8.898	82	846578	71.19	ng		0.00
42) 2,4,6-Tribromophenol	15.863	330	353668	117.78	ng		0.00
45) 2-Fluorobiphenyl	12.998	172	1673198	73.19	ng		0.00
79) Terphenyl-d14	19.733	244	1641306	75.70	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.293	88	144757	37.50	ng		100
3) Pyridine	3.681	79	397057	42.67	ng		98
4) n-Nitrosodimethylamine	3.593	42	208821	50.01	ng		93
6) Aniline	7.081	93	548984	41.58	ng		99
8) 2-Chlorophenol	7.316	128	443544	46.29	ng		98
9) Benzaldehyde	6.892	77	111267	14.54	ng		92
10) Phenol	6.951	94	549905	45.67	ng		97
11) bis(2-Chloroethyl)ether	7.175	93	426851	49.55	ng		99
12) 1,3-Dichlorobenzene	7.640	146	475201	44.33	ng		97
13) 1,4-Dichlorobenzene	7.781	146	488601	44.95	ng		99
14) 1,2-Dichlorobenzene	8.098	146	467013	44.71	ng		98
15) Benzyl Alcohol	7.987	79	403151	45.73	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.275	45	631458	47.80	ng		99
17) 2-Methylphenol	8.187	107	366268	47.34	ng		97
18) Hexachloroethane	8.822	117	195334	49.46	ng		97
19) n-Nitroso-di-n-propyla...	8.551	70	369051	46.94	ng		95
20) 3+4-Methylphenols	8.516	107	484753	46.82	ng		98
22) Acetophenone	8.563	105	641754	44.41	ng	#	98
24) Nitrobenzene	8.939	77	533315	42.97	ng		99
25) Isophorone	9.469	82	924512	45.26	ng		99
26) 2-Nitrophenol	9.645	139	224936	54.35	ng		99
27) 2,4-Dimethylphenol	9.710	122	381076	48.03	ng		95
28) bis(2-Chloroethoxy)met...	9.945	93	561385	51.98	ng		98
29) 2,4-Dichlorophenol	10.181	162	383402	44.44	ng		97
30) 1,2,4-Trichlorobenzene	10.392	180	426818	43.57	ng		97
31) Naphthalene	10.580	128	1295352	42.57	ng		99
32) Benzoic acid	9.857	122	249423	48.53	ng		96
33) 4-Chloroaniline	10.686	127	235962	19.62	ng		98
34) Hexachlorobutadiene	10.863	225	246884	43.39	ng		97
35) Caprolactam	11.463	113	106949m	38.79	ng		
36) 4-Chloro-3-methylphenol	11.816	107	409148	44.42	ng		93
37) 2-Methylnaphthalene	12.192	142	927038	43.57	ng		99
38) 1-Methylnaphthalene	12.410	142	857150	42.35	ng		99
40) 1,2,4,5-Tetrachloroben...	12.563	216	427785	47.08	ng		98
41) Hexachlorocyclopentadiene	12.545	237	660388	132.44	ng		99
43) 2,4,6-Trichlorophenol	12.804	196	285855	48.32	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.874	196	303453	46.14	ng	99
46) 1,1'-Biphenyl	13.210	154	1139853	46.24	ng	99
47) 2-Chloronaphthalene	13.251	162	873218	44.99	ng	100
48) 2-Nitroaniline	13.451	65	280897	44.51	ng	98
49) Acenaphthylene	14.098	152	1331389	45.09	ng	99
50) Dimethylphthalate	13.839	163	1031628	45.53	ng	100
51) 2,6-Dinitrotoluene	13.951	165	219186	44.72	ng	97
52) Acenaphthene	14.439	154	816486	43.51	ng	99
53) 3-Nitroaniline	14.280	138	138949	28.00	ng	95
54) 2,4-Dinitrophenol	14.486	184	229673	79.36	ng	98
55) Dibenzofuran	14.774	168	1240588	42.02	ng	99
56) 4-Nitrophenol	14.592	139	362138	79.89	ng	93
57) 2,4-Dinitrotoluene	14.739	165	287330	40.53	ng	98
58) Fluorene	15.421	166	1033211	43.17	ng	98
59) 2,3,4,6-Tetrachlorophenol	14.998	232	214364	39.77	ng	99
60) Diethylphthalate	15.204	149	1048747	46.98	ng	99
61) 4-Chlorophenyl-phenyle...	15.421	204	497215	45.03	ng	100
62) 4-Nitroaniline	15.439	138	205432	35.72	ng	98
63) Azobenzene	15.710	77	1160313	45.47	ng	98
65) 4,6-Dinitro-2-methylph...	15.498	198	147143	42.79	ng	99
66) n-Nitrosodiphenylamine	15.633	169	857494	46.37	ng	100
67) 4-Bromophenyl-phenylether	16.310	248	266900	50.41	ng	98
68) Hexachlorobenzene	16.421	284	286567	45.99	ng	96
69) Atrazine	16.586	200	235271	40.30	ng	98
70) Pentachlorophenol	16.762	266	186258	48.53	ng	99
71) Phenanthrene	17.157	178	1418610	42.35	ng	99
72) Anthracene	17.245	178	1461048	44.89	ng	100
73) Carbazole	17.515	167	1251460	39.08	ng	100
74) Di-n-butylphthalate	18.080	149	1688203	54.66	ng	100
75) Fluoranthene	19.168	202	1446386	39.09	ng	99
77) Benzidine	19.351	184	565472	44.93	ng	99
78) Pyrene	19.527	202	1456174	49.38	ng	99
80) Butylbenzylphthalate	20.433	149	668427	58.85	ng	98
81) Benzo(a)anthracene	21.268	228	1217064	42.81	ng	100
82) 3,3'-Dichlorobenzidine	21.203	252	334878	39.41	ng	100
83) Chrysene	21.321	228	1169927	41.13	ng	99
84) Bis(2-ethylhexyl)phtha...	21.209	149	1052881	63.87	ng	99
85) Di-n-octyl phthalate	22.080	149	1682403	62.12	ng	100
87) Indeno(1,2,3-cd)pyrene	25.774	276	1195552	42.95	ng	99
88) Benzo(b)fluoranthene	22.844	252	1126532	45.50	ng	100
89) Benzo(k)fluoranthene	22.891	252	1058527	44.00	ng	99
90) Benzo(a)pyrene	23.421	252	976827	43.55	ng	99
91) Dibenzo(a,h)anthracene	25.785	278	1000148	41.97	ng	100
92) Benzo(g,h,i)perylene	26.462	276	966616	41.40	ng	98

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

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