Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040221\
Data File : BM029315.D
Acq On : 02 Apr 2021 11:24
Operator : CG/JU
Sample : PB135399BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB135399BS

Manual Integrations APPROVED
mohammad
4/5/2021 11:55:40 AM

Quant Time: Apr 02 11:57:33 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 01 16:52:48 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.698	152	136842	20.00	ng		0.00
21) Naphthalene-d8	10.481	136	520211	20.00	ng		0.00
39) Acenaphthene-d10	14.339	164	280818	20.00	ng		0.00
64) Phenanthrene-d10	17.074	188	484865	20.00	ng		0.00
76) Chrysene-d12	21.251	240	387172	20.00	ng		0.00
86) Perylene-d12	23.462	264	374896	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.299	112	1189467	143.52	ng		0.00
7) Phenol-d6	6.881	99	1517459	129.69	ng		0.00
23) Nitrobenzene-d5	8.857	82	1029700	90.75	ng		0.00
42) 2,4,6-Tribromophenol	15.827	330	379991	135.38	ng		0.00
45) 2-Fluorobiphenyl	12.957	172	1952263	96.85	ng		0.00
79) Terphenyl-d14	19.704	244	2042360	100.19	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.228	88	118728	32.96	ng		97
3) Pyridine	3.622	79	353655	38.85	ng		98
4) n-Nitrosodimethylamine	3.540	42	224697	51.74	ng	#	94
6) Aniline	7.034	93	574262	44.96	ng		99
8) 2-Chlorophenol	7.269	128	422957	46.11	ng		100
9) Benzaldehyde	6.846	77	183011	24.85	ng		99
10) Phenol	6.904	94	544674	47.33	ng		97
11) bis(2-Chloroethyl)ether	7.134	93	408443	46.88	ng		98
12) 1,3-Dichlorobenzene	7.593	146	458337	45.90	ng		98
13) 1,4-Dichlorobenzene	7.734	146	461187	45.41	ng		99
14) 1,2-Dichlorobenzene	8.051	146	444558	45.51	ng		98
15) Benzyl Alcohol	7.940	79	395078	45.80	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.228	45	612028	46.86	ng		99
17) 2-Methylphenol	8.146	107	348798	46.53	ng		99
18) Hexachloroethane	8.775	117	183188	46.12	ng		96
19) n-Nitroso-di-n-propyla...	8.510	70	346083	43.75	ng		99
20) 3+4-Methylphenols	8.475	107	467718	46.02	ng		99
22) Acetophenone	8.522	105	624252	46.40	ng	#	99
24) Nitrobenzene	8.898	77	509322	43.74	ng		99
25) Isophorone	9.422	82	879545	43.32	ng		98
26) 2-Nitrophenol	9.604	139	209147	44.96	ng		97
27) 2,4-Dimethylphenol	9.669	122	373394	51.12	ng		98
28) bis(2-Chloroethoxy)met...	9.904	93	519535	49.52	ng		99
29) 2,4-Dichlorophenol	10.134	162	369503	45.69	ng		97
30) 1,2,4-Trichlorobenzene	10.351	180	396486	45.37	ng		99
31) Naphthalene	10.534	128	1217493	44.41	ng		99
32) Benzoic acid	9.816	122	235876	42.74	ng		97
33) 4-Chloroaniline	10.639	127	290959	26.34	ng		99
34) Hexachlorobutadiene	10.822	225	230900	44.86	ng		98
35) Caprolactam	11.428	113	103942m	40.88	ng		
36) 4-Chloro-3-methylphenol	11.775	107	382666	43.93	ng		95
37) 2-Methylnaphthalene	12.151	142	855296	44.26	ng		100
38) 1-Methylnaphthalene	12.369	142	787322	43.07	ng		99
40) 1,2,4,5-Tetrachloroben...	12.522	216	396826	50.39	ng	#	97
41) Hexachlorocyclopentadiene	12.504	237	605088	132.43	ng		98
43) 2,4,6-Trichlorophenol	12.763	196	264088	47.24	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.833	196	284568	47.20	ng		96
46) 1,1'-Biphenyl	13.169	154	1054119	48.49	ng		99
47) 2-Chloronaphthalene	13.210	162	806478	47.96	ng		99
48) 2-Nitroaniline	13.416	65	264285	47.11	ng		99
49) Acenaphthylene	14.057	152	1320124	50.32	ng		99
50) Dimethylphthalate	13.804	163	934649	46.09	ng		99
51) 2,6-Dinitrotoluene	13.916	165	199119	44.11	ng		93
52) Acenaphthene	14.404	154	764139	47.11	ng		98
53) 3-Nitroaniline	14.239	138	143266	31.10	ng		98
54) 2,4-Dinitrophenol	14.451	184	234356	98.64	ng		96
55) Dibenzofuran	14.739	168	1142869	44.93	ng		100
56) 4-Nitrophenol	14.557	139	351487	89.55	ng		97
57) 2,4-Dinitrotoluene	14.704	165	264073	44.18	ng		99
58) Fluorene	15.386	166	942899	45.20	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.963	232	215852	46.56	ng		98
60) Diethylphthalate	15.169	149	930001	44.90	ng		100
61) 4-Chlorophenyl-phenyle...	15.386	204	443639	46.44	ng		99
62) 4-Nitroaniline	15.404	138	202939	41.89	ng		99
63) Azobenzene	15.674	77	1065196	44.69	ng		98
65) 4,6-Dinitro-2-methylph...	15.463	198	129345	41.74	ng		98
66) n-Nitrosodiphenylamine	15.598	169	784845	48.95	ng		99
67) 4-Bromophenyl-phenylether	16.274	248	237193	49.23	ng		99
68) Hexachlorobenzene	16.386	284	261551	49.44	ng		99
69) Atrazine	16.551	200	247900	46.39	ng		98
70) Pentachlorophenol	16.727	266	293169	97.44	ng		98
71) Phenanthrene	17.116	178	1311895	46.78	ng		99
72) Anthracene	17.210	178	1343828	48.54	ng		99
73) Carbazole	17.474	167	1174254	43.43	ng		99
74) Di-n-butylphthalate	18.051	149	1443415	46.57	ng		100
75) Fluoranthene	19.133	202	1327008	42.48	ng		99
77) Benzidine	19.315	184	756554	60.25	ng		100
78) Pyrene	19.492	202	1364143	50.70	ng		100
80) Butylbenzylphthalate	20.398	149	586334	48.40	ng		92
81) Benzo(a)anthracene	21.239	228	1218478	47.16	ng		99
82) 3,3'-Dichlorobenzidine	21.174	252	363037	41.82	ng		98
83) Chrysene	21.286	228	1148096	45.38	ng		100
84) Bis(2-ethylhexyl)phtha...	21.174	149	901810	48.39	ng	#	99
85) Di-n-octyl phthalate	22.045	149	1466402	45.84	ng		100
87) Indeno(1,2,3-cd)pyrene	25.703	276	1446126	52.33	ng		99
88) Benzo(b)fluoranthene	22.803	252	1157442	47.01	ng		99
89) Benzo(k)fluoranthene	22.845	252	1116206	47.41	ng		99
90) Benzo(a)pyrene	23.368	252	1017385	45.20	ng		98
91) Dibenzo(a,h)anthracene	25.709	278	1210755	51.03	ng		99
92) Benzo(g,h,i)perylene	26.380	276	1197548	52.35	ng		99

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

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