Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041921\
Data File : BM029537.D
Acq On : 19 Apr 2021 12:49
Operator : CG/JU
Sample : PB135796BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB135796BS

Manual Integrations APPROVED
mohammad
4/21/2021 8:35:16 AM

Quant Time: Apr 19 13:22:39 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 16 11:56:50 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.669	152	124981	20.00	ng		0.00
21) Naphthalene-d8	10.451	136	524387	20.00	ng		0.00
39) Acenaphthene-d10	14.310	164	296842	20.00	ng		0.00
64) Phenanthrene-d10	17.051	188	507684	20.00	ng		0.00
76) Chrysene-d12	21.233	240	363430	20.00	ng		0.00
86) Perylene-d12	23.438	264	312912	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.269	112	1144310	151.17	ng		0.00
7) Phenol-d6	6.857	99	1452318	135.90	ng		0.00
23) Nitrobenzene-d5	8.828	82	1068297	93.40	ng		0.00
42) 2,4,6-Tribromophenol	15.804	330	420717	141.80	ng		0.00
45) 2-Fluorobiphenyl	12.927	172	1985571	93.19	ng		0.00
79) Terphenyl-d14	19.686	244	2229718	116.53	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.204	88	109227	33.20	ng		95
3) Pyridine	3.604	79	336495	40.47	ng		96
4) n-Nitrosodimethylamine	3.516	42	236096	59.53	ng		98
6) Aniline	7.010	93	583841	50.05	ng		98
8) 2-Chlorophenol	7.239	128	438560	52.35	ng		97
9) Benzaldehyde	6.816	77	290375	43.18	ng		93
10) Phenol	6.881	94	544827	51.84	ng		98
11) bis(2-Chloroethyl)ether	7.104	93	421618	52.98	ng		99
12) 1,3-Dichlorobenzene	7.557	146	444267	48.72	ng		97
13) 1,4-Dichlorobenzene	7.704	146	451857	48.71	ng		98
14) 1,2-Dichlorobenzene	8.016	146	440559	49.38	ng		98
15) Benzyl Alcohol	7.916	79	429603	54.53	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.204	45	680865	57.08	ng		100
17) 2-Methylphenol	8.116	107	356432	52.06	ng		98
18) Hexachloroethane	8.739	117	194342	53.57	ng		94
19) n-Nitroso-di-n-propyla...	8.481	70	388254	53.74	ng		96
20) 3+4-Methylphenols	8.445	107	481126	51.83	ng		97
22) Acetophenone	8.492	105	655695	48.35	ng	#	95
24) Nitrobenzene	8.869	77	550208	46.87	ng		98
25) Isophorone	9.392	82	991942	48.47	ng		97
26) 2-Nitrophenol	9.569	139	226048	48.20	ng		90
27) 2,4-Dimethylphenol	9.639	122	394519	53.59	ng		95
28) bis(2-Chloroethoxy)met...	9.875	93	566482	53.57	ng		99
29) 2,4-Dichlorophenol	10.104	162	374257	45.91	ng		96
30) 1,2,4-Trichlorobenzene	10.316	180	397239	45.09	ng		99
31) Naphthalene	10.498	128	1274401	46.11	ng		99
32) Benzoic acid	9.816	122	253046	45.49	ng		90
33) 4-Chloroaniline	10.616	127	198302	17.81	ng		97
34) Hexachlorobutadiene	10.786	225	234607	45.22	ng		99
35) Caprolactam	11.422	113	113237m	44.18	ng		
36) 4-Chloro-3-methylphenol	11.751	107	417280	47.53	ng		91
37) 2-Methylnaphthalene	12.116	142	914594	46.96	ng		98
38) 1-Methylnaphthalene	12.339	142	836227	45.38	ng		99
40) 1,2,4,5-Tetrachloroben...	12.492	216	399687	48.01	ng	#	94
41) Hexachlorocyclopentadiene	12.469	237	655618	135.74	ng		97
43) 2,4,6-Trichlorophenol	12.739	196	275124	46.56	ng		100

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	12.810	196	293321	46.03	ng		93
46)	1,1'-Biphenyl	13.139	154	1131655	49.25	ng		98
47)	2-Chloronaphthalene	13.180	162	846023	47.60	ng		96
48)	2-Nitroaniline	13.392	65	309165	52.14	ng		94
49)	Acenaphthylene	14.033	152	1408551	50.80	ng		100
50)	Dimethylphthalate	13.780	163	1057288	49.33	ng		99
51)	2,6-Dinitrotoluene	13.892	165	221913	46.51	ng	#	83
52)	Acenaphthene	14.374	154	829179	48.36	ng		100
53)	3-Nitroaniline	14.221	138	116989	24.02	ng		94
54)	2,4-Dinitrophenol	14.433	184	244722	97.44	ng	#	83
55)	Dibenzofuran	14.710	168	1221376	45.43	ng		96
56)	4-Nitrophenol	14.545	139	370555	89.31	ng		95
57)	2,4-Dinitrotoluene	14.686	165	296926	46.99	ng		91
58)	Fluorene	15.362	166	1048530	47.55	ng		98
59)	2,3,4,6-Tetrachlorophenol	14.939	232	230219	46.97	ng		89
60)	Diethylphthalate	15.145	149	1127875	51.51	ng		97
61)	4-Chlorophenyl-phenyle...	15.357	204	486014	48.13	ng		92
62)	4-Nitroaniline	15.392	138	205162	40.06	ng		89
63)	Azobenzene	15.651	77	1306453	51.86	ng		96
65)	4,6-Dinitro-2-methylph...	15.445	198	142159	43.81	ng		83
66)	n-Nitrosodiphenylamine	15.574	169	864699	51.50	ng		99
67)	4-Bromophenyl-phenylether	16.251	248	263430	52.22	ng		94
68)	Hexachlorobenzene	16.362	284	284784	51.41	ng		92
69)	Atrazine	16.533	200	302869	54.13	ng		100
70)	Pentachlorophenol	16.709	266	362569	114.07	ng		97
71)	Phenanthrene	17.098	178	1420355	48.38	ng		100
72)	Anthracene	17.186	178	1478509	51.00	ng		99
73)	Carbazole	17.456	167	1263430	44.62	ng		99
74)	Di-n-butylphthalate	18.027	149	1876801	57.83	ng		99
75)	Fluoranthene	19.109	202	1404585	42.94	ng		99
77)	Benzidine	19.303	184	750783	63.69	ng		99
78)	Pyrene	19.474	202	1420481	56.25	ng		99
80)	Butylbenzylphthalate	20.380	149	732897	64.45	ng		90
81)	Benzo(a)anthracene	21.221	228	1183275	48.79	ng		99
82)	3,3'-Dichlorobenzidine	21.156	252	268188	32.91	ng		99
83)	Chrysene	21.274	228	1117872	47.07	ng		100
84)	Bis(2-ethylhexyl)phtha...	21.156	149	1159289	66.26	ng	#	98
85)	Di-n-octyl phthalate	22.027	149	1810460	60.30	ng		96
87)	Indeno(1,2,3-cd)pyrene	25.662	276	1137268	49.31	ng		98
88)	Benzo(b)fluoranthene	22.780	252	1066468	51.90	ng		99
89)	Benzo(k)fluoranthene	22.821	252	960622	48.89	ng		98
90)	Benzo(a)pyrene	23.344	252	880962	46.89	ng		98
91)	Dibenzo(a,h)anthracene	25.674	278	951610	48.05	ng		98
92)	Benzo(g,h,i)perylene	26.338	276	909091	47.61	ng		98

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

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