Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042421\
Data File : BM029634.D
Acq On : 24 Apr 2021 13:05
Operator : CG/JU
Sample : M2149-12MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SB-39-9.5-10.0MS

Manual Integrations APPROVED
mohammad
4/26/2021 11:39:01 AM

Quant Time: Apr 26 03:05:45 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 22 15:55:11 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.622	152	78408	20.00	ng	-0.01
21) Naphthalene-d8	10.404	136	277542	20.00	ng	-0.01
39) Acenaphthene-d10	14.269	164	173291	20.00	ng	-0.01
64) Phenanthrene-d10	17.016	188	344232	20.00	ng	0.00
76) Chrysene-d12	21.198	240	333805	20.00	ng	0.00
86) Perylene-d12	23.386	264	390371	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.222	112	405097	103.58	ng	0.00
7) Phenol-d6	6.810	99	518800	88.81	ng	0.00
23) Nitrobenzene-d5	8.781	82	339677	63.03	ng	0.00
42) 2,4,6-Tribromophenol	15.763	330	222454	92.82	ng	0.00
45) 2-Fluorobiphenyl	12.886	172	816699	63.97	ng	-0.01
79) Terphenyl-d14	19.645	244	914068	51.91	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.158	88	67079	42.54	ng	97
3) Pyridine	3.558	79	159149	39.60	ng	96
4) n-Nitrosodimethylamine	3.469	42	92625	46.97	ng	94
6) Aniline	6.957	93	173518	27.02	ng	99
8) 2-Chlorophenol	7.193	128	208247	42.83	ng	99
9) Benzaldehyde	6.775	77	165445	49.82	ng	98
10) Phenol	6.834	94	252744	44.65	ng	98
11) bis(2-Chloroethyl)ether	7.057	93	178792	41.40	ng	99
12) 1,3-Dichlorobenzene	7.510	146	246434	43.98	ng	98
13) 1,4-Dichlorobenzene	7.657	146	252365	43.98	ng	99
14) 1,2-Dichlorobenzene	7.975	146	240072	41.97	ng	100
15) Benzyl Alcohol	7.869	79	182410	42.98	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.157	45	209360	36.77	ng	99
17) 2-Methylphenol	8.075	107	164035	41.58	ng	97
18) Hexachloroethane	8.693	117	90895	43.87	ng	93
19) n-Nitroso-di-n-propyla...	8.434	70	149083	34.99	ng	96
20) 3+4-Methylphenols	8.399	107	221201	40.77	ng	97
22) Acetophenone	8.446	105	293764	44.15	ng	99
24) Nitrobenzene	8.822	77	222745	40.87	ng	100
25) Isophorone	9.345	82	381597	37.68	ng	98
26) 2-Nitrophenol	9.528	139	113377	43.58	ng	100
27) 2,4-Dimethylphenol	9.593	122	180635	49.66	ng	98
28) bis(2-Chloroethoxy)met...	9.828	93	230342	46.04	ng	100
29) 2,4-Dichlorophenol	10.057	162	220542	45.96	ng	96
30) 1,2,4-Trichlorobenzene	10.269	180	247071	44.71	ng	98
31) Naphthalene	10.457	128	601200	42.13	ng	99
32) Benzoic acid	9.745	122	128489	41.49	ng	94
33) 4-Chloroaniline	10.575	127	36312	6.45	ng	96
34) Hexachlorobutadiene	10.740	225	161780	45.98	ng	97
35) Caprolactam	11.363	113	52489m	36.13	ng	
36) 4-Chloro-3-methylphenol	11.704	107	185878	39.64	ng	99
37) 2-Methylnaphthalene	12.075	142	454634	39.80	ng	99
38) 1-Methylnaphthalene	12.298	142	421778	38.72	ng	99
40) 1,2,4,5-Tetrachloroben...	12.451	216	276086	53.13	ng	99
41) Hexachlorocyclopentadiene	12.428	237	354613	122.28	ng	98
43) 2,4,6-Trichlorophenol	12.698	196	182308	51.03	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.769	196	192716	48.86	ng		97
46) 1,1'-Biphenyl	13.098	154	605658	47.81	ng		99
47) 2-Chloronaphthalene	13.139	162	476570	47.01	ng		99
48) 2-Nitroaniline	13.351	65	120206	42.77	ng		98
49) Acenaphthylene	13.992	152	722723	46.50	ng		100
50) Dimethylphthalate	13.739	163	587350	44.85	ng		100
51) 2,6-Dinitrotoluene	13.857	165	122814	42.60	ng		94
52) Acenaphthene	14.333	154	427166	43.87	ng		99
53) 3-Nitroaniline	14.186	138	37227	16.03	ng		96
54) 2,4-Dinitrophenol	14.398	184	148271	80.64	ng		85
55) Dibenzofuran	14.675	168	699815	42.57	ng		97
56) 4-Nitrophenol	14.504	139	185819	87.13	ng		99
57) 2,4-Dinitrotoluene	14.645	165	165423	42.49	ng		96
58) Fluorene	15.322	166	580867	42.08	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.904	232	157911	45.00	ng		95
60) Diethylphthalate	15.104	149	534308	41.56	ng		99
61) 4-Chlorophenyl-phenyle...	15.322	204	304184	43.55	ng		100
62) 4-Nitroaniline	15.351	138	98150	35.15	ng		94
63) Azobenzene	15.610	77	483371	39.60	ng		99
65) 4,6-Dinitro-2-methylph...	15.410	198	89786	39.24	ng		98
66) n-Nitrosodiphenylamine	15.539	169	484190	45.50	ng		98
67) 4-Bromophenyl-phenylether	16.216	248	172220	47.91	ng		97
68) Hexachlorobenzene	16.327	284	190776	46.68	ng		95
69) Atrazine	16.492	200	180366	47.51	ng		99
70) Pentachlorophenol	16.669	266	250430	94.11	ng		96
71) Phenanthrene	17.057	178	844465	42.61	ng		100
72) Anthracene	17.145	178	878048	44.90	ng		100
73) Carbazole	17.421	167	733911	40.06	ng		99
74) Di-n-butylphthalate	17.992	149	944044	47.46	ng		100
75) Fluoranthene	19.074	202	967159	40.24	ng		99
77) Benzidine	19.268	184	261192	36.96	ng		99
78) Pyrene	19.439	202	981878	45.72	ng		100
80) Butylbenzylphthalate	20.345	149	370282	46.05	ng		98
81) Benzo(a)anthracene	21.186	228	925510	41.91	ng		100
82) 3,3'-Dichlorobenzidine	21.121	252	246569	34.95	ng	#	98
83) Chrysene	21.233	228	918982	42.35	ng		99
84) Bis(2-ethylhexyl)phtha...	21.121	149	559581	43.43	ng		99
85) Di-n-octyl phthalate	21.986	149	955936	44.21	ng		98
87) Indeno(1,2,3-cd)pyrene	25.586	276	1458811	48.33	ng		99
88) Benzo(b)fluoranthene	22.733	252	1016509	39.93	ng		99
89) Benzo(k)fluoranthene	22.774	252	1039563	40.74	ng		100
90) Benzo(a)pyrene	23.292	252	1043565	43.66	ng		99
91) Dibenzo(a,h)anthracene	25.597	278	1227305	47.16	ng		99
92) Benzo(g,h,i)perylene	26.256	276	1193301	49.58	ng		99

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

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