Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052721\
Data File : BF124099.D
Acq On : 27 May 2021 18:53
Operator : JU/CG
Sample : M2537-01MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-BPM-04-016-ABCDMS

Manual Integrations APPROVED
mohammad
5/28/2021 12:36:30 PM

Quant Time: May 28 03:06:08 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 27 13:12:25 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.881	152	40307	20.00	ng		0.00
21) Naphthalene-d8	8.163	136	148344	20.00	ng		0.00
39) Acenaphthene-d10	9.916	164	83570	20.00	ng		0.00
64) Phenanthrene-d10	11.404	188	139514	20.00	ng		0.00
76) Chrysene-d12	14.045	240	97024	20.00	ng		0.00
86) Perylene-d12	15.533	264	98434	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.504	112	289076	100.70	ng		0.01
7) Phenol-d6	6.510	99	360224	96.73	ng		0.00
23) Nitrobenzene-d5	7.445	82	279302	81.12	ng		0.00
42) 2,4,6-Tribromophenol	10.710	330	124740	124.27	ng		0.00
45) 2-Fluorobiphenyl	9.239	172	505812	74.48	ng		0.00
79) Terphenyl-d14	12.992	244	487785	76.14	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.704	88	44785	35.52	ng		93
3) Pyridine	3.463	79	107565	33.06	ng		90
4) n-Nitrosodimethylamine	3.416	42	78577	37.18	ng		89
6) Aniline	6.540	93	122274	28.92	ng	#	91
8) 2-Chlorophenol	6.663	128	128711	43.08	ng		98
9) Benzaldehyde	6.428	77	95099	59.01	ng		90
10) Phenol	6.528	94	158851	42.20	ng		90
11) bis(2-Chloroethyl)ether	6.610	93	120887	41.32	ng		99
12) 1,3-Dichlorobenzene	6.822	146	148604	42.70	ng		95
13) 1,4-Dichlorobenzene	6.898	146	150912	42.38	ng		89
14) 1,2-Dichlorobenzene	7.051	146	141877	42.64	ng		97
15) Benzyl Alcohol	7.022	79	129361	40.22	ng		93
16) 2,2'-oxybis(1-Chloropr...	7.151	45	214097	36.35	ng		91
17) 2-Methylphenol	7.134	107	102361	42.25	ng	#	89
18) Hexachloroethane	7.392	117	61396	46.52	ng		88
19) n-Nitroso-di-n-propyla...	7.292	70	104545	41.54	ng		94
20) 3+4-Methylphenols	7.287	107	132131	41.40	ng	#	79
22) Acetophenone	7.287	105	189396	44.96	ng	#	93
24) Nitrobenzene	7.463	77	150333	42.70	ng		99
25) Isophorone	7.698	82	265261	40.05	ng		98
26) 2-Nitrophenol	7.775	139	67774	51.18	ng	#	95
27) 2,4-Dimethylphenol	7.816	122	109261	43.09	ng		94
28) bis(2-Chloroethoxy)met...	7.910	93	148414	44.56	ng		98
29) 2,4-Dichlorophenol	8.022	162	111747	43.54	ng		92
30) 1,2,4-Trichlorobenzene	8.104	180	124315	43.08	ng		98
31) Naphthalene	8.187	128	361152	41.14	ng		98
32) Benzoic acid	7.934	122	49042m	35.24	ng		
33) 4-Chloroaniline	8.228	127	37084m	11.10	ng		
34) Hexachlorobutadiene	8.304	225	87276	46.20	ng		98
35) Caprolactam	8.604	113	31216m	44.67	ng		
36) 4-Chloro-3-methylphenol	8.716	107	122962	43.81	ng		90
37) 2-Methylnaphthalene	8.875	142	256382	43.09	ng		98
38) 1-Methylnaphthalene	8.975	142	235632	42.44	ng		95
40) 1,2,4,5-Tetrachloroben...	9.045	216	135289	44.88	ng		99
41) Hexachlorocyclopentadiene	9.028	237	157556	82.18	ng		89
43) 2,4,6-Trichlorophenol	9.151	196	81018	41.43	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	86678	42.66	ng		96
46) 1,1'-Biphenyl	9.339	154	325578	44.23	ng		97
47) 2-Chloronaphthalene	9.363	162	241843	41.37	ng		99
48) 2-Nitroaniline	9.457	65	88994	45.08	ng		95
49) Acenaphthylene	9.781	152	360632	41.75	ng		96
50) Dimethylphthalate	9.639	163	293162	43.93	ng		98
51) 2,6-Dinitrotoluene	9.704	165	63995	47.42	ng	#	75
52) Acenaphthene	9.951	154	229136	38.75	ng		95
53) 3-Nitroaniline	9.863	138	23528	17.54	ng		91
54) 2,4-Dinitrophenol	9.980	184	47995	67.42	ng	#	81
55) Dibenzofuran	10.128	168	351570	41.40	ng		99
56) 4-Nitrophenol	10.033	139	87865	79.20	ng		94
57) 2,4-Dinitrotoluene	10.104	165	86144	52.05	ng		96
58) Fluorene	10.469	166	268155	41.90	ng		92
59) 2,3,4,6-Tetrachlorophenol	10.239	232	70316	42.09	ng	#	94
60) Diethylphthalate	10.339	149	295346	44.69	ng		95
61) 4-Chlorophenyl-phenyle...	10.457	204	139291	43.43	ng		96
62) 4-Nitroaniline	10.486	138	54171	40.61	ng	#	74
63) Azobenzene	10.616	77	293447	39.92	ng		93
65) 4,6-Dinitro-2-methylph...	10.516	198	35742	40.70	ng	#	67
66) n-Nitrosodiphenylamine	10.575	169	238650	44.77	ng		98
67) 4-Bromophenyl-phenylether	10.945	248	88004	48.00	ng	#	90
68) Hexachlorobenzene	11.016	284	95248	46.53	ng		96
69) Atrazine	11.104	200	84497	56.12	ng		96
70) Pentachlorophenol	11.210	266	91001	74.99	ng		99
71) Phenanthrene	11.433	178	385327	43.58	ng		98
72) Anthracene	11.480	178	401712	44.83	ng		99
73) Carbazole	11.633	167	305620	38.99	ng		96
74) Di-n-butylphthalate	11.963	149	446147	45.48	ng		100
75) Fluoranthene	12.621	202	372962	40.74	ng		98
77) Benzidine	12.739	184	162683	69.49	ng	#	93
78) Pyrene	12.851	202	367791	42.70	ng		99
80) Butylbenzylphthalate	13.463	149	164148	48.60	ng		95
81) Benzo(a)anthracene	14.039	228	295281	42.08	ng		98
82) 3,3'-Dichlorobenzidine	13.998	252	54783	25.13	ng	#	99
83) Chrysene	14.074	228	284298	42.13	ng		98
84) Bis(2-ethylhexyl)phtha...	14.027	149	223929	46.98	ng		95
85) Di-n-octyl phthalate	14.639	149	362511	50.31	ng	#	93
87) Indeno(1,2,3-cd)pyrene	17.039	276	351499	46.24	ng		97
88) Benzo(b)fluoranthene	15.098	252	309019	40.58	ng		96
89) Benzo(k)fluoranthene	15.127	252	293190	42.25	ng		99
90) Benzo(a)pyrene	15.474	252	293403	44.57	ng		99
91) Dibenzo(a,h)anthracene	17.051	278	300608	46.96	ng		97
92) Benzo(g,h,i)perylene	17.492	276	290298	45.22	ng		97

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

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