Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041621\
Data File : BF123586.D
Acq On : 16 Apr 2021 11:39
Operator : JU/CG
Sample : M2048-06MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-02-13.5-14.0MS

Manual Integrations APPROVED
mohammad
4/19/2021 11:44:56 AM

Quant Time: Apr 16 12:39:19 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 16 10:31:33 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.869	152	185149	20.00	ng		0.00
21) Naphthalene-d8	8.157	136	716080	20.00	ng		0.00
39) Acenaphthene-d10	9.916	164	368887	20.00	ng		0.00
64) Phenanthrene-d10	11.404	188	763519	20.00	ng		0.00
76) Chrysene-d12	14.057	240	563311	20.00	ng		0.00
86) Perylene-d12	15.539	264	448314	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.487	112	1476899	128.93	ng		0.00
7) Phenol-d6	6.498	99	1937925	122.08	ng		0.00
23) Nitrobenzene-d5	7.434	82	1364953	87.63	ng		0.00
42) 2,4,6-Tribromophenol	10.710	330	605663	144.99	ng		0.00
45) 2-Fluorobiphenyl	9.233	172	2138483	86.42	ng		0.00
79) Terphenyl-d14	12.998	244	2539931	87.63	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.657	88	233077	38.94	ng		99
3) Pyridine	3.410	79	654665	44.74	ng		94
4) n-Nitrosodimethylamine	3.357	42	409483	47.22	ng		96
6) Aniline	6.528	93	307945	16.48	ng		99
8) 2-Chlorophenol	6.651	128	594759	48.34	ng		98
9) Benzaldehyde	6.416	77	425826	41.09	ng		99
10) Phenol	6.516	94	810195	48.06	ng		98
11) bis(2-Chloroethyl)ether	6.604	93	593092	47.32	ng		98
12) 1,3-Dichlorobenzene	6.810	146	578610	45.74	ng		97
13) 1,4-Dichlorobenzene	6.886	146	580692	45.24	ng		97
14) 1,2-Dichlorobenzene	7.039	146	571542	47.38	ng		97
15) Benzyl Alcohol	7.010	79	624952	49.90	ng		100
16) 2,2'-oxybis(1-Chloropr...	7.145	45	1333313	47.12	ng		99
17) 2-Methylphenol	7.122	107	515095	48.72	ng		96
18) Hexachloroethane	7.386	117	242202	47.32	ng		96
19) n-Nitroso-di-n-propyla...	7.286	70	478418	45.50	ng		98
20) 3+4-Methylphenols	7.275	107	652710	48.38	ng	#	83
22) Acetophenone	7.275	105	910170	45.83	ng	#	90
24) Nitrobenzene	7.451	77	725439	44.23	ng		95
25) Isophorone	7.692	82	1344353	44.49	ng		99
26) 2-Nitrophenol	7.769	139	298324	53.23	ng		98
27) 2,4-Dimethylphenol	7.804	122	535361	51.76	ng		99
28) bis(2-Chloroethoxy)met...	7.904	93	745274	49.14	ng		99
29) 2,4-Dichlorophenol	8.010	162	473345	47.00	ng		100
30) 1,2,4-Trichlorobenzene	8.098	180	485638	44.88	ng		98
31) Naphthalene	8.175	128	1653711	44.83	ng		99
32) Benzoic acid	7.933	122	393304	56.29	ng		97
33) 4-Chloroaniline	8.222	127	56596	3.74	ng		97
34) Hexachlorobutadiene	8.298	225	299759	44.15	ng		99
35) Caprolactam	8.598	113	177736m	50.55	ng		
36) 4-Chloro-3-methylphenol	8.710	107	624672	47.83	ng		94
37) 2-Methylnaphthalene	8.869	142	1105677	45.71	ng		99
38) 1-Methylnaphthalene	8.969	142	1026361	44.85	ng		99
40) 1,2,4,5-Tetrachloroben...	9.039	216	480336	47.18	ng		98
41) Hexachlorocyclopentadiene	9.028	237	614681	116.18	ng		100
43) 2,4,6-Trichlorophenol	9.151	196	349061	50.53	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	379808	50.29	ng	97
46) 1,1'-Biphenyl	9.333	154	1359950	47.10	ng	98
47) 2-Chloronaphthalene	9.363	162	1000991	46.07	ng	98
48) 2-Nitroaniline	9.451	65	471839	52.13	ng	86
49) Acenaphthylene	9.780	152	1780659	50.10	ng	99
50) Dimethylphthalate	9.639	163	1294952	50.81	ng	100
51) 2,6-Dinitrotoluene	9.698	165	271315	48.50	ng	95
52) Acenaphthene	9.951	154	1258966	55.21	ng	100
53) 3-Nitroaniline	9.863	138	99536	15.34	ng	99
54) 2,4-Dinitrophenol	9.975	184	342359	139.32	ng	92
55) Dibenzofuran	10.122	168	1526669	46.67	ng	98
56) 4-Nitrophenol	10.033	139	528773	106.34	ng	98
57) 2,4-Dinitrotoluene	10.104	165	388473	51.99	ng	94
58) Fluorene	10.469	166	1213411	47.19	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	315742	52.50	ng	99
60) Diethylphthalate	10.339	149	1349707	48.38	ng	99
61) 4-Chlorophenyl-phenyle...	10.457	204	566197	47.71	ng	99
62) 4-Nitroaniline	10.486	138	318058	48.53	ng	97
63) Azobenzene	10.622	77	1459722	46.19	ng	99
65) 4,6-Dinitro-2-methylph...	10.510	198	202725	50.89	ng	98
66) n-Nitrosodiphenylamine	10.580	169	1068521	43.72	ng	99
67) 4-Bromophenyl-phenylether	10.951	248	358565	44.92	ng	99
68) Hexachlorobenzene	11.016	284	407975	45.35	ng	97
69) Atrazine	11.110	200	369191	48.47	ng	98
70) Pentachlorophenol	11.210	266	497438	105.83	ng	99
71) Phenanthrene	11.433	178	1774292	44.53	ng	100
72) Anthracene	11.486	178	1850544	46.47	ng	99
73) Carbazole	11.633	167	1759292	44.26	ng	98
74) Di-n-butylphthalate	11.969	149	2261710	47.01	ng	99
75) Fluoranthene	12.621	202	1998588	45.64	ng	99
77) Benzidine	12.739	184	762017	49.76	ng	98
78) Pyrene	12.851	202	2034313	49.48	ng	99
80) Butylbenzylphthalate	13.474	149	981282	50.80	ng	97
81) Benzo(a)anthracene	14.045	228	1547835	44.84	ng	100
82) 3,3'-Dichlorobenzidine	14.004	252	176224	15.98	ng	98
83) Chrysene	14.080	228	1509254	43.54	ng	99
84) Bis(2-ethylhexyl)phtha...	14.039	149	1330018	51.78	ng	98
85) Di-n-octyl phthalate	14.651	149	2141423	51.80	ng	99
87) Indeno(1,2,3-cd)pyrene	17.039	276	1429476	59.76	ng	98
88) Benzo(b)fluoranthene	15.109	252	1320523	41.72	ng	98
89) Benzo(k)fluoranthene	15.139	252	1205270	42.42	ng	99
90) Benzo(a)pyrene	15.480	252	1098018	43.61	ng	98
91) Dibenzo(a,h)anthracene	17.056	278	1172542	57.96	ng	99
92) Benzo(g,h,i)perylene	17.498	276	1193062	57.14	ng	99

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

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