Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041621\
Data File : BF123587.D
Acq On : 16 Apr 2021 12:12
Operator : JU/CG
Sample : M2048-06MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

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

Manual Integrations APPROVED
mohammad
4/19/2021 11:44:59 AM

Quant Time: Apr 16 12:42:02 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	189985	20.00	ng		0.00
21) Naphthalene-d8	8.157	136	733995	20.00	ng		0.00
39) Acenaphthene-d10	9.916	164	364575	20.00	ng		0.00
64) Phenanthrene-d10	11.404	188	741745	20.00	ng		0.00
76) Chrysene-d12	14.057	240	526324	20.00	ng		0.00
86) Perylene-d12	15.539	264	423391	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.487	112	1494408	127.13	ng		0.00
7) Phenol-d6	6.498	99	1990430	122.20	ng		0.00
23) Nitrobenzene-d5	7.434	82	1401116	87.75	ng		0.00
42) 2,4,6-Tribromophenol	10.710	330	606195	146.83	ng		0.00
45) 2-Fluorobiphenyl	9.233	172	2127737	87.00	ng		0.00
79) Terphenyl-d14	12.998	244	2451495	90.53	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.663	88	241408	39.31	ng		97
3) Pyridine	3.422	79	675371	44.98	ng		97
4) n-Nitrosodimethylamine	3.369	42	424348	47.69	ng		94
6) Aniline	6.528	93	318772	16.63	ng		98
8) 2-Chlorophenol	6.651	128	609253	48.25	ng		97
9) Benzaldehyde	6.416	77	438021	41.19	ng		100
10) Phenol	6.510	94	821074	47.46	ng		97
11) bis(2-Chloroethyl)ether	6.604	93	607112	47.20	ng		98
12) 1,3-Dichlorobenzene	6.810	146	594903	45.83	ng		97
13) 1,4-Dichlorobenzene	6.887	146	606757	46.07	ng		97
14) 1,2-Dichlorobenzene	7.039	146	583777	47.16	ng		99
15) Benzyl Alcohol	7.010	79	627466	48.82	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.145	45	1345113	46.33	ng		100
17) 2-Methylphenol	7.122	107	517514	47.70	ng		98
18) Hexachloroethane	7.387	117	249572	47.52	ng		96
19) n-Nitroso-di-n-propyla...	7.287	70	487694	45.20	ng		98
20) 3+4-Methylphenols	7.275	107	660730	47.73	ng	#	81
22) Acetophenone	7.275	105	925104	45.44	ng	#	90
24) Nitrobenzene	7.451	77	745669	44.36	ng		94
25) Isophorone	7.692	82	1345862	43.45	ng		100
26) 2-Nitrophenol	7.769	139	307543	53.53	ng		97
27) 2,4-Dimethylphenol	7.804	122	544763	51.39	ng		99
28) bis(2-Chloroethoxy)met...	7.904	93	752610	48.42	ng		98
29) 2,4-Dichlorophenol	8.010	162	470392	45.57	ng		98
30) 1,2,4-Trichlorobenzene	8.098	180	494604	44.59	ng		99
31) Naphthalene	8.175	128	1677805	44.38	ng		99
32) Benzoic acid	7.928	122	382233	53.60	ng		85
33) 4-Chloroaniline	8.222	127	65324	4.21	ng	#	91
34) Hexachlorobutadiene	8.298	225	304474	43.75	ng		97
35) Caprolactam	8.598	113	173831m	48.24	ng		
36) 4-Chloro-3-methylphenol	8.710	107	625499	46.72	ng		94
37) 2-Methylnaphthalene	8.869	142	1114701	44.96	ng		99
38) 1-Methylnaphthalene	8.969	142	1040366	44.35	ng		99
40) 1,2,4,5-Tetrachloroben...	9.039	216	481668	47.87	ng		98
41) Hexachlorocyclopentadiene	9.028	237	611091	116.87	ng		99
43) 2,4,6-Trichlorophenol	9.145	196	350175	51.29	ng		96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	365403	48.95	ng	98
46) 1,1'-Biphenyl	9.333	154	1357936	47.59	ng	99
47) 2-Chloronaphthalene	9.363	162	1004591	46.79	ng	98
48) 2-Nitroaniline	9.451	65	466147	52.11	ng	91
49) Acenaphthylene	9.780	152	1770585	50.41	ng	100
50) Dimethylphthalate	9.639	163	1252681	49.73	ng	100
51) 2,6-Dinitrotoluene	9.698	165	268309	48.53	ng	95
52) Acenaphthene	9.951	154	1252267	55.57	ng	100
53) 3-Nitroaniline	9.863	138	87413	13.63	ng	96
54) 2,4-Dinitrophenol	9.975	184	322924	132.97	ng	89
55) Dibenzofuran	10.122	168	1504453	46.54	ng	97
56) 4-Nitrophenol	10.033	139	515245	104.84	ng	94
57) 2,4-Dinitrotoluene	10.104	165	382194	51.76	ng	93
58) Fluorene	10.469	166	1207408	47.52	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	311723	52.44	ng	98
60) Diethylphthalate	10.339	149	1308158	47.44	ng	99
61) 4-Chlorophenyl-phenyle...	10.457	204	554093	47.24	ng	98
62) 4-Nitroaniline	10.486	138	302596	46.72	ng	94
63) Azobenzene	10.622	77	1427205	45.69	ng	99
65) 4,6-Dinitro-2-methylph...	10.510	198	199701	51.60	ng	94
66) n-Nitrosodiphenylamine	10.580	169	1068292	44.99	ng	99
67) 4-Bromophenyl-phenylether	10.951	248	357030	46.04	ng	98
68) Hexachlorobenzene	11.016	284	405104	46.35	ng	98
69) Atrazine	11.110	200	361108	48.80	ng	96
70) Pentachlorophenol	11.210	266	479210	104.95	ng	98
71) Phenanthrene	11.433	178	1757872	45.41	ng	100
72) Anthracene	11.486	178	1800436	46.54	ng	99
73) Carbazole	11.633	167	1707491	44.21	ng	98
74) Di-n-butylphthalate	11.969	149	2180077	46.65	ng	99
75) Fluoranthene	12.621	202	1931346	45.40	ng	100
77) Benzidine	12.739	184	687715	48.07	ng	98
78) Pyrene	12.851	202	1957262	50.95	ng	99
80) Butylbenzylphthalate	13.474	149	911514	50.50	ng	97
81) Benzo(a)anthracene	14.045	228	1412479	43.79	ng	97
82) 3,3'-Dichlorobenzidine	14.004	252	168687	16.37	ng	96
83) Chrysene	14.080	228	1387443	42.84	ng	99
84) Bis(2-ethylhexyl)phtha...	14.039	149	1197641	49.90	ng	99
85) Di-n-octyl phthalate	14.651	149	1856635	48.06	ng	100
87) Indeno(1,2,3-cd)pyrene	17.039	276	1392067	61.62	ng	100
88) Benzo(b)fluoranthene	15.104	252	1256185m	42.02	ng	
89) Benzo(k)fluoranthene	15.139	252	1123506	41.85	ng	98
90) Benzo(a)pyrene	15.480	252	1049029	44.12	ng	97
91) Dibenzo(a,h)anthracene	17.056	278	1144294	59.89	ng	99
92) Benzo(g,h,i)perylene	17.492	276	1168348	58.73	ng	99

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

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