Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042321\
Data File : BF123696.D
Acq On : 23 Apr 2021 16:35
Operator : JU/CG
Sample : PB135944BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Apr 23 18:46:19 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 23 10:48:36 2021
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB135944BSD

Manual Integrations APPROVED
mohammad
4/26/2021 11:36:03 AM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.834	152	230379	20.00	ng		0.00
21) Naphthalene-d8	8.116	136	901542	20.00	ng		-0.01
39) Acenaphthene-d10	9.881	164	434447	20.00	ng		0.00
64) Phenanthrene-d10	11.369	188	801647	20.00	ng		0.00
76) Chrysene-d12	14.016	240	507220	20.00	ng		# 0.00
86) Perylene-d12	15.486	264	355744	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.463	112	1251700	87.81	ng		0.00
7) Phenol-d6	6.469	99	1661964	84.14	ng		0.00
23) Nitrobenzene-d5	7.398	82	1419492	72.38	ng		0.00
42) 2,4,6-Tribromophenol	10.669	330	425770	86.54	ng		0.00
45) 2-Fluorobiphenyl	9.198	172	2086471	71.59	ng		0.00
79) Terphenyl-d14	12.957	244	1916998	73.45	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.675	88	339843	45.64	ng		97
3) Pyridine	3.410	79	870897	47.83	ng		95
4) n-Nitrosodimethylamine	3.369	42	515341	47.76	ng		98
6) Aniline	6.493	93	752939	32.39	ng		92
8) 2-Chlorophenol	6.622	128	723597	47.26	ng		98
9) Benzaldehyde	6.375	77	158172	12.27	ng		98
10) Phenol	6.487	94	975776	46.52	ng		82
11) bis(2-Chloroethyl)ether	6.569	93	740702	47.49	ng		98
12) 1,3-Dichlorobenzene	6.775	146	733673	46.61	ng		95
13) 1,4-Dichlorobenzene	6.851	146	740847	46.38	ng		95
14) 1,2-Dichlorobenzene	7.004	146	710404	47.33	ng		98
15) Benzyl Alcohol	6.975	79	711671	45.67	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.110	45	1572020	44.65	ng		99
17) 2-Methylphenol	7.093	107	618725	47.03	ng		97
18) Hexachloroethane	7.345	117	304231	47.77	ng		97
19) n-Nitroso-di-n-propyla...	7.245	70	552783	42.25	ng		98
20) 3+4-Methylphenols	7.245	107	740862	44.13	ng		90
22) Acetophenone	7.240	105	1063735	42.54	ng	#	92
24) Nitrobenzene	7.416	77	878390	42.54	ng		99
25) Isophorone	7.657	82	1572111	41.32	ng		99
26) 2-Nitrophenol	7.734	139	381156	54.02	ng		98
27) 2,4-Dimethylphenol	7.775	122	625449	48.03	ng		96
28) bis(2-Chloroethoxy)met...	7.869	93	910811	47.71	ng		99
29) 2,4-Dichlorophenol	7.981	162	558497	44.05	ng		98
30) 1,2,4-Trichlorobenzene	8.057	180	599106	43.98	ng		96
31) Naphthalene	8.139	128	2027357	43.66	ng		100
32) Benzoic acid	7.904	122	409242	47.31	ng		96
33) 4-Chloroaniline	8.187	127	447196	23.45	ng		98
34) Hexachlorobutadiene	8.257	225	355131	41.54	ng		100
35) Caprolactam	8.551	113	193592m	43.74	ng		
36) 4-Chloro-3-methylphenol	8.675	107	708896	43.11	ng		98
37) 2-Methylnaphthalene	8.834	142	1297546	42.61	ng		99
38) 1-Methylnaphthalene	8.934	142	1210487	42.02	ng		100
40) 1,2,4,5-Tetrachloroben...	9.004	216	546993	45.62	ng		99
41) Hexachlorocyclopentadiene	8.992	237	556550	89.32	ng		99
43) 2,4,6-Trichlorophenol	9.116	196	381188	46.85	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.163	196	407850	45.85	ng	97
46) 1,1'-Biphenyl	9.298	154	1544182	45.41	ng	99
47) 2-Chloronaphthalene	9.322	162	1163267	45.46	ng	97
48) 2-Nitroaniline	9.422	65	520032	48.78	ng	97
49) Acenaphthylene	9.739	152	1912820	45.70	ng	98
50) Dimethylphthalate	9.604	163	1318414	43.93	ng	99
51) 2,6-Dinitrotoluene	9.663	165	293313	44.52	ng	96
52) Acenaphthene	9.910	154	1131274	42.12	ng	100
53) 3-Nitroaniline	9.828	138	242780	31.77	ng	96
54) 2,4-Dinitrophenol	9.939	184	322146	111.32	ng	95
55) Dibenzofuran	10.086	168	1669807	43.34	ng	100
56) 4-Nitrophenol	10.004	139	498594	85.14	ng	96
57) 2,4-Dinitrotoluene	10.069	165	400417	45.50	ng	93
58) Fluorene	10.428	166	1284865	42.43	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.204	232	316446	44.68	ng	99
60) Diethylphthalate	10.304	149	1367459	41.62	ng	98
61) 4-Chlorophenyl-phenyle...	10.422	204	600645	42.97	ng	95
62) 4-Nitroaniline	10.451	138	329052	42.63	ng	97
63) Azobenzene	10.581	77	1533461	41.20	ng	99
65) 4,6-Dinitro-2-methylph...	10.475	198	218163	52.16	ng	99
66) n-Nitrosodiphenylamine	10.539	169	1143622	44.57	ng	98
67) 4-Bromophenyl-phenylether	10.910	248	378251	45.13	ng	98
68) Hexachlorobenzene	10.980	284	422683	44.75	ng	96
69) Atrazine	11.069	200	294414	36.81	ng	98
70) Pentachlorophenol	11.175	266	436712	88.50	ng	98
71) Phenanthrene	11.392	178	1819283	43.49	ng	100
72) Anthracene	11.445	178	1843119	44.08	ng	99
73) Carbazole	11.598	167	1750721	41.95	ng	98
74) Di-n-butylphthalate	11.933	149	2029622	40.18	ng	98
75) Fluoranthene	12.586	202	1938258	42.15	ng	98
77) Benzidine	12.704	184	423329	30.70	ng	98
78) Pyrene	12.816	202	1936880	52.32	ng	98
80) Butylbenzylphthalate	13.433	149	787683	45.29	ng	98
81) Benzo(a)anthracene	14.004	228	1324459	42.61	ng	98
82) 3,3'-Dichlorobenzidine	13.969	252	353538	35.61	ng	99
83) Chrysene	14.045	228	1332479	42.69	ng	99
84) Bis(2-ethylhexyl)phtha...	13.998	149	919809	39.77	ng	99
85) Di-n-octyl phthalate	14.610	149	1366603	36.71	ng	98
87) Indeno(1,2,3-cd)pyrene	16.962	276	1195131	62.97	ng	98
88) Benzo(b)fluoranthene	15.057	252	1146975	45.67	ng	98
89) Benzo(k)fluoranthene	15.086	252	1015650	45.15	ng	99
90) Benzo(a)pyrene	15.427	252	959830	48.04	ng	97
91) Dibenzo(a,h)anthracene	16.980	278	965952	60.17	ng	98
92) Benzo(g,h,i)perylene	17.404	276	1020849	60.48	ng	97

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

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