Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050321\
Data File : BF123788.D
Acq On : 3 May 2021 20:15
Operator : JU/CG
Sample : PB136036BSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB136036BSD

Manual Integrations APPROVED
mohammad
5/4/2021 2:57:52 PM

Quant Time: May 04 00:56:47 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 27 16:30:39 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	230620	20.00	ng	0.00
21) Naphthalene-d8	8.092	136	941313	20.00	ng	0.00
39) Acenaphthene-d10	9.851	164	466661	20.00	ng	0.00
64) Phenanthrene-d10	11.333	188	899576	20.00	ng	0.00
76) Chrysene-d12	13.980	240	710512	20.00	ng	0.00
86) Perylene-d12	15.433	264	414637	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.439	112	1311911	90.12	ng	0.02
7) Phenol-d6	6.451	99	1760202	87.78	ng	0.00
23) Nitrobenzene-d5	7.375	82	1462369	70.13	ng	0.00
42) 2,4,6-Tribromophenol	10.639	330	478059	82.29	ng	0.00
45) 2-Fluorobiphenyl	9.175	172	2210503	68.98	ng	0.00
79) Terphenyl-d14	12.927	244	2295121	62.20	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.616	88	327914	41.82	ng	99
3) Pyridine	3.346	79	828479	43.23	ng	94
4) n-Nitrosodimethylamine	3.304	42	506374	47.97	ng	99
6) Aniline	6.475	93	618163	26.65	ng	93
8) 2-Chlorophenol	6.598	128	734664	46.92	ng	99
9) Benzaldehyde	6.351	77	39866	4.11	ng	96
10) Phenol	6.463	94	1004248	46.62	ng	91
11) bis(2-Chloroethyl)ether	6.545	93	787680	50.08	ng	97
12) 1,3-Dichlorobenzene	6.745	146	717495	45.35	ng	99
13) 1,4-Dichlorobenzene	6.822	146	739318	46.19	ng	100
14) 1,2-Dichlorobenzene	6.981	146	700146	45.04	ng	100
15) Benzyl Alcohol	6.951	79	739383	47.04	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.086	45	1681602	50.27	ng	99
17) 2-Methylphenol	7.069	107	635749	47.64	ng	94
18) Hexachloroethane	7.322	117	303342	47.88	ng	98
19) n-Nitroso-di-n-propyla...	7.228	70	586052	47.33	ng	98
20) 3+4-Methylphenols	7.222	107	782448	46.08	ng	93
22) Acetophenone	7.216	105	1127950	44.08	ng	97
24) Nitrobenzene	7.392	77	923801	42.53	ng	97
25) Isophorone	7.633	82	1664708	42.58	ng	99
26) 2-Nitrophenol	7.710	139	402895	45.45	ng	97
27) 2,4-Dimethylphenol	7.751	122	653661	46.94	ng	97
28) bis(2-Chloroethoxy)met...	7.845	93	961399	48.25	ng	99
29) 2,4-Dichlorophenol	7.957	162	588861	42.91	ng	99
30) 1,2,4-Trichlorobenzene	8.033	180	624792	43.45	ng	97
31) Naphthalene	8.116	128	2075593	42.82	ng	100
32) Benzoic acid	7.892	122	444384	46.65	ng	96
33) 4-Chloroaniline	8.169	127	380098	18.79	ng	95
34) Hexachlorobutadiene	8.233	225	373550	42.62	ng	99
35) Caprolactam	8.539	113	208881m	43.35	ng	
36) 4-Chloro-3-methylphenol	8.657	107	761075	44.45	ng	96
37) 2-Methylnaphthalene	8.810	142	1362445	43.13	ng	98
38) 1-Methylnaphthalene	8.910	142	1286167	43.32	ng	99
40) 1,2,4,5-Tetrachloroben...	8.975	216	589534	42.93	ng	100
41) Hexachlorocyclopentadiene	8.963	237	478407	80.48	ng	99
43) 2,4,6-Trichlorophenol	9.086	196	412569	43.61	ng	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.139	196	435737	42.93	ng		97
46) 1,1'-Biphenyl	9.275	154	1618575	42.34	ng		99
47) 2-Chloronaphthalene	9.298	162	1230487	42.69	ng		98
48) 2-Nitroaniline	9.392	65	565200	44.51	ng		90
49) Acenaphthylene	9.716	152	1986119	42.68	ng		99
50) Dimethylphthalate	9.575	163	1422344	43.27	ng		98
51) 2,6-Dinitrotoluene	9.639	165	333461	43.88	ng	#	84
52) Acenaphthene	9.886	154	1210198	42.69	ng		97
53) 3-Nitroaniline	9.804	138	230511	25.40	ng		96
54) 2,4-Dinitrophenol	9.916	184	376179	93.21	ng		95
55) Dibenzofuran	10.057	168	1769451	41.27	ng		98
56) 4-Nitrophenol	9.980	139	568848	86.05	ng		94
57) 2,4-Dinitrotoluene	10.045	165	446561	43.10	ng		97
58) Fluorene	10.398	166	1407580	42.72	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.175	232	365277	45.45	ng		96
60) Diethylphthalate	10.274	149	1497592	42.81	ng		99
61) 4-Chlorophenyl-phenyle...	10.392	204	651563	42.43	ng		98
62) 4-Nitroaniline	10.422	138	371022	41.25	ng		98
63) Azobenzene	10.551	77	1682308	41.83	ng		97
65) 4,6-Dinitro-2-methylph...	10.451	198	248999	44.67	ng		91
66) n-Nitrosodiphenylamine	10.510	169	1232466	41.88	ng		98
67) 4-Bromophenyl-phenylether	10.880	248	411912	43.48	ng		97
68) Hexachlorobenzene	10.951	284	479124	44.43	ng		93
69) Atrazine	11.039	200	285166	32.05	ng		98
70) Pentachlorophenol	11.145	266	489768	89.12	ng		99
71) Phenanthrene	11.363	178	1978882	41.94	ng		100
72) Anthracene	11.416	178	2026331	43.19	ng		100
73) Carbazole	11.569	167	1962455	41.39	ng		98
74) Di-n-butylphthalate	11.898	149	2312359	43.44	ng		99
75) Fluoranthene	12.551	202	2267308	44.06	ng		99
77) Benzidine	12.668	184	318706	17.32	ng		98
78) Pyrene	12.780	202	2284547	41.42	ng		99
80) Butylbenzylphthalate	13.398	149	1000664	42.47	ng		97
81) Benzo(a)anthracene	13.968	228	1802141	41.86	ng		99
82) 3,3'-Dichlorobenzidine	13.933	252	530400	40.11	ng		99
83) Chrysene	14.010	228	1780768	41.11	ng		99
84) Bis(2-ethylhexyl)phtha...	13.962	149	1237489	42.28	ng		100
85) Di-n-octyl phthalate	14.574	149	2036854	43.52	ng		100
87) Indeno(1,2,3-cd)pyrene	16.880	276	1498772	62.07	ng		100
88) Benzo(b)fluoranthene	15.015	252	1571411	56.24	ng		99
89) Benzo(k)fluoranthene	15.045	252	1528462	57.32	ng		99
90) Benzo(a)pyrene	15.374	252	1341685	56.15	ng		99
91) Dibenzo(a,h)anthracene	16.898	278	1252172	61.42	ng		98
92) Benzo(g,h,i)perylene	17.321	276	1267106	62.05	ng		100

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

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