Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042621\
Data File : BF123736.D
Acq On : 26 Apr 2021 16:52
Operator : JU/CG
Sample : SSTDICC050
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED
mohammad
4/27/2021 12:12:20 PM

Quant Time: Apr 26 17:14:36 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 26 16:51:15 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.810	152	283469	20.00	ng		0.00
21) Naphthalene-d8	8.098	136	1034694	20.00	ng		0.00
39) Acenaphthene-d10	9.851	164	511824	20.00	ng		0.00
64) Phenanthrene-d10	11.339	188	993761	20.00	ng		0.00
76) Chrysene-d12	13.986	240	699040	20.00	ng		0.00
86) Perylene-d12	15.433	264	519762	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.428	112	1658245	94.55	ng		0.00
7) Phenol-d6	6.451	99	2295797	94.46	ng		0.00
23) Nitrobenzene-d5	7.381	82	2191908	97.39	ng		0.00
42) 2,4,6-Tribromophenol	10.645	330	619035	106.81	ng		0.00
45) 2-Fluorobiphenyl	9.175	172	3166649	92.23	ng		0.00
79) Terphenyl-d14	12.927	244	3455425	96.07	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.516	88	462070	50.43	ng		95
3) Pyridine	3.252	79	1162253	51.87	ng		92
4) n-Nitrosodimethylamine	3.216	42	637987	48.05	ng		93
6) Aniline	6.475	93	1350037	47.19	ng		91
8) 2-Chlorophenol	6.598	128	907212	48.16	ng		96
9) Benzaldehyde	6.357	77	516826	32.57	ng		99
10) Phenol	6.469	94	1226964	47.54	ng		78
11) bis(2-Chloroethyl)ether	6.551	93	919613	47.92	ng		98
12) 1,3-Dichlorobenzene	6.751	146	920308	47.52	ng		98
13) 1,4-Dichlorobenzene	6.828	146	926667	47.15	ng		98
14) 1,2-Dichlorobenzene	6.987	146	853086	46.19	ng		100
15) Benzyl Alcohol	6.957	79	941198	49.08	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.092	45	1936456	44.70	ng		99
17) 2-Methylphenol	7.069	107	790960	48.86	ng		97
18) Hexachloroethane	7.328	117	379509	48.43	ng		98
19) n-Nitroso-di-n-propyla...	7.234	70	727881	45.21	ng		99
20) 3+4-Methylphenols	7.228	107	929280	44.99	ng	#	84
22) Acetophenone	7.228	105	1311152	45.69	ng		94
24) Nitrobenzene	7.398	77	1138075	48.02	ng		96
25) Isophorone	7.640	82	2092960	47.93	ng		100
26) 2-Nitrophenol	7.710	139	499009	61.62	ng		99
27) 2,4-Dimethylphenol	7.757	122	732333	49.01	ng		97
28) bis(2-Chloroethoxy)met...	7.851	93	1056758	48.23	ng		99
29) 2,4-Dichlorophenol	7.957	162	721541	49.59	ng		99
30) 1,2,4-Trichlorobenzene	8.039	180	740961	47.39	ng		99
31) Naphthalene	8.122	128	2501268	46.93	ng		99
32) Benzoic acid	7.898	122	531874	60.03	ng		93
33) 4-Chloroaniline	8.169	127	1077362	49.22	ng		98
34) Hexachlorobutadiene	8.239	225	461668	47.05	ng		99
35) Caprolactam	8.551	113	264918m	52.15	ng		
36) 4-Chloro-3-methylphenol	8.657	107	919323	48.71	ng		97
37) 2-Methylnaphthalene	8.810	142	1641059	46.96	ng		96
38) 1-Methylnaphthalene	8.910	142	1525913	46.15	ng		100
40) 1,2,4,5-Tetrachloroben...	8.975	216	709426	50.22	ng		99
41) Hexachlorocyclopentadiene	8.963	237	326967	44.54	ng		98
43) 2,4,6-Trichlorophenol	9.086	196	507571	52.95	ng		97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.134	196	545941	52.10	ng	97
46) 1,1'-Biphenyl	9.275	154	1919322	47.91	ng	98
47) 2-Chloronaphthalene	9.304	162	1473123	48.87	ng	97
48) 2-Nitroaniline	9.398	65	682217	54.32	ng	98
49) Acenaphthylene	9.716	152	2380612	48.28	ng	98
50) Dimethylphthalate	9.581	163	1707358	48.28	ng	100
51) 2,6-Dinitrotoluene	9.639	165	407537	52.50	ng	98
52) Acenaphthene	9.892	154	1452251	45.90	ng	100
53) 3-Nitroaniline	9.810	138	474171	52.66	ng	99
54) 2,4-Dinitrophenol	9.916	184	240877	70.65	ng	93
55) Dibenzofuran	10.063	168	2174652	47.91	ng	98
56) 4-Nitrophenol	9.975	139	370138	53.65	ng	94
57) 2,4-Dinitrotoluene	10.045	165	551813	53.23	ng	91
58) Fluorene	10.404	166	1663119	46.62	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.181	232	436889	52.35	ng	98
60) Diethylphthalate	10.281	149	1824643	47.13	ng	97
61) 4-Chlorophenyl-phenyle...	10.392	204	770240	46.78	ng	97
62) 4-Nitroaniline	10.428	138	485411	53.38	ng	98
63) Azobenzene	10.557	77	2084055	47.53	ng	99
65) 4,6-Dinitro-2-methylph...	10.457	198	319800	61.68	ng	88
66) n-Nitrosodiphenylamine	10.516	169	1514645	47.61	ng	98
67) 4-Bromophenyl-phenylether	10.886	248	500501	48.18	ng	97
68) Hexachlorobenzene	10.951	284	578400	49.40	ng	99
69) Atrazine	11.045	200	476287	48.04	ng	98
70) Pentachlorophenol	11.145	266	320262	52.35	ng	99
71) Phenanthrene	11.369	178	2405951	46.39	ng	99
72) Anthracene	11.416	178	2397891	46.26	ng	99
73) Carbazole	11.575	167	2410257	46.58	ng	99
74) Di-n-butylphthalate	11.904	149	2735074	43.68	ng	100
75) Fluoranthene	12.557	202	2613666	45.85	ng	98
77) Benzidine	12.674	184	971240	51.11	ng	98
78) Pyrene	12.786	202	2663534	52.21	ng	99
80) Butylbenzylphthalate	13.404	149	1183134	49.36	ng	97
81) Benzo(a)anthracene	13.974	228	2019856	47.15	ng	99
82) 3,3'-Dichlorobenzidine	13.939	252	616867	45.08	ng	98
83) Chrysene	14.016	228	2060647	47.90	ng	98
84) Bis(2-ethylhexyl)phtha...	13.963	149	1417271	44.46	ng	99
85) Di-n-octyl phthalate	14.580	149	2294647	44.73	ng	99
87) Indeno(1,2,3-cd)pyrene	16.886	276	1473666	53.14	ng	99
88) Benzo(b)fluoranthene	15.015	252	1822925m	49.67	ng	
89) Benzo(k)fluoranthene	15.051	252	1568004	43.72	ng	99
90) Benzo(a)pyrene	15.380	252	1478445	50.65	ng	97
91) Dibenzo(a,h)anthracene	16.904	278	1240968	52.91	ng	99
92) Benzo(g,h,i)perylene	17.327	276	1275414	55.19	ng	98

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

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