Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072021\
Data File : BF124627.D
Acq On : 20 Jul 2021 12:52
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
7/21/2021 11:42:02 AM

Quant Time: Jul 20 13:41:02 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 20 13:36:28 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.904	152	8018	20.000	ng		0.00
21) Naphthalene-d8	8.192	136	30800	20.000	ng		0.00
39) Acenaphthene-d10	9.951	164	16012	20.000	ng		0.00
64) Phenanthrene-d10	11.433	188	27395	20.000	ng		0.00
76) Chrysene-d12	14.074	240	16103	20.000	ng		0.00
86) Perylene-d12	15.556	264	12299	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.522	112	38528	83.253	ng		0.00
7) Phenol-d6	6.528	99	47729	84.780	ng		0.00
23) Nitrobenzene-d5	7.475	82	39125	80.190	ng		0.00
42) 2,4,6-Tribromophenol	10.739	330	10845	87.036	ng		0.00
45) 2-Fluorobiphenyl	9.269	172	89377	81.397	ng		0.00
79) Terphenyl-d14	13.021	244	82474	86.003	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.763	88	7180	46.494	ng	#	100
3) Pyridine	3.510	79	16739	43.116	ng		96
4) n-Nitrosodimethylamine	3.475	42	13605	43.115	ng		90
6) Aniline	6.575	93	23296	39.273	ng		99
8) 2-Chlorophenol	6.692	128	22177	42.745	ng		99
9) Benzaldehyde	6.457	77	11571	35.034	ng		84
10) Phenol	6.539	94	22778	41.442	ng		97
11) bis(2-Chloroethyl)ether	6.645	93	18126	42.537	ng		99
12) 1,3-Dichlorobenzene	6.845	146	23872	42.039	ng		98
13) 1,4-Dichlorobenzene	6.922	146	24226	41.769	ng		97
14) 1,2-Dichlorobenzene	7.080	146	22635	41.065	ng		98
15) Benzyl Alcohol	7.045	79	15987	41.041	ng		93
16) 2,2'-oxybis(1-Chloropr...	7.180	45	30428	41.429	ng		98
17) 2-Methylphenol	7.151	107	15947	41.992	ng		97
18) Hexachloroethane	7.422	117	9226	42.241	ng		91
19) n-Nitroso-di-n-propyla...	7.322	70	13139	41.511	ng		95
20) 3+4-Methylphenols	7.310	107	21191	42.383	ng		94
22) Acetophenone	7.316	105	28617	40.940	ng	#	97
24) Nitrobenzene	7.492	77	19559	40.428	ng		98
25) Isophorone	7.733	82	35103	39.192	ng		99
26) 2-Nitrophenol	7.804	139	10909	41.801	ng	#	92
27) 2,4-Dimethylphenol	7.833	122	18128	41.920	ng		96
28) bis(2-Chloroethoxy)met...	7.939	93	20697	39.614	ng		98
29) 2,4-Dichlorophenol	8.039	162	18555	41.598	ng		96
30) 1,2,4-Trichlorobenzene	8.127	180	19592	39.690	ng		99
31) Naphthalene	8.216	128	63141	39.636	ng		99
32) Benzoic acid	7.957	122	12660	39.584	ng		94
33) 4-Chloroaniline	8.257	127	21865	36.321	ng		96
34) Hexachlorobutadiene	8.327	225	11554	41.468	ng		96
35) Caprolactam	8.639	113	4862m	43.094	ng		
36) 4-Chloro-3-methylphenol	8.733	107	17965	40.729	ng		94
37) 2-Methylnaphthalene	8.904	142	42427	39.468	ng		99
38) 1-Methylnaphthalene	9.004	142	40026	39.647	ng		96
40) 1,2,4,5-Tetrachloroben...	9.069	216	18323	42.905	ng		98
41) Hexachlorocyclopentadiene	9.057	237	10829	40.593	ng		96
43) 2,4,6-Trichlorophenol	9.180	196	13227	42.901	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.216	196	13454	42.311	ng		94
46) 1,1'-Biphenyl	9.369	154	49178	40.439	ng		98
47) 2-Chloronaphthalene	9.392	162	39280	41.197	ng		97
48) 2-Nitroaniline	9.486	65	10003	43.627	ng		96
49) Acenaphthylene	9.810	152	60823	40.878	ng		98
50) Dimethylphthalate	9.674	163	45461	40.808	ng	#	99
51) 2,6-Dinitrotoluene	9.733	165	9885	45.011	ng		95
52) Acenaphthene	9.986	154	38912	40.900	ng		98
53) 3-Nitroaniline	9.898	138	9745	39.765	ng		90
54) 2,4-Dinitrophenol	9.998	184	5004	43.666	ng		97
55) Dibenzofuran	10.157	168	57201	40.892	ng		96
56) 4-Nitrophenol	10.045	139	8337	40.874	ng		96
57) 2,4-Dinitrotoluene	10.133	165	12679	42.171	ng	#	89
58) Fluorene	10.498	166	42643	39.411	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.269	232	10192	41.502	ng	#	96
60) Diethylphthalate	10.369	149	45595	39.144	ng		99
61) 4-Chlorophenyl-phenyle...	10.492	204	19769	40.253	ng		91
62) 4-Nitroaniline	10.516	138	10319	41.779	ng		85
63) Azobenzene	10.651	77	38772	38.080	ng		99
65) 4,6-Dinitro-2-methylph...	10.539	198	6768	43.248	ng		98
66) n-Nitrosodiphenylamine	10.610	169	36427	40.836	ng		93
67) 4-Bromophenyl-phenylether	10.980	248	11440	40.385	ng		86
68) Hexachlorobenzene	11.045	284	12016	41.401	ng		92
69) Atrazine	11.133	200	10786	39.481	ng		93
70) Pentachlorophenol	11.233	266	7649	41.666	ng		92
71) Phenanthrene	11.463	178	58754	39.311	ng		99
72) Anthracene	11.515	178	59030	39.369	ng		98
73) Carbazole	11.663	167	54144	39.080	ng		99
74) Di-n-butylphthalate	11.992	149	70332	37.684	ng		99
75) Fluoranthene	12.651	202	57699	38.264	ng		99
77) Benzidine	12.768	184	24591	40.849	ng		99
78) Pyrene	12.880	202	57467	42.954	ng		98
80) Butylbenzylphthalate	13.492	149	25552	39.501	ng		95
81) Benzo(a)anthracene	14.062	228	42778	40.056	ng		99
82) 3,3'-Dichlorobenzidine	14.027	252	10699	38.246	ng		97
83) Chrysene	14.104	228	40685	39.768	ng		98
84) Bis(2-ethylhexyl)phtha...	14.051	149	33064	38.071	ng		100
85) Di-n-octyl phthalate	14.662	149	48101	38.275	ng	#	100
87) Indeno(1,2,3-cd)pyrene	17.056	276	32963	46.213	ng		97
88) Benzo(b)fluoranthene	15.121	252	36776	41.659	ng		98
89) Benzo(k)fluoranthene	15.156	252	30554	37.722	ng		97
90) Benzo(a)pyrene	15.498	252	29979	41.140	ng	#	95
91) Dibenzo(a,h)anthracene	17.080	278	28408	46.790	ng		98
92) Benzo(g,h,i)perylene	17.515	276	27514	46.416	ng		93

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

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