Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111121\
Data File : BF126120.D
Acq On : 11 Nov 2021 11:07
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Nov 11 13:00:49 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 03 17:21:25 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.845	152	172514	20.000	ng		-0.01
21) Naphthalene-d8	8.128	136	594558	20.000	ng		#-0.01
39) Acenaphthene-d10	9.886	164	354374	20.000	ng		0.00
64) Phenanthrene-d10	11.369	188	648243	20.000	ng		0.00
76) Chrysene-d12	14.010	240	440290	20.000	ng		# 0.00
86) Perylene-d12	15.474	264	330210	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.457	112	809515	80.583	ng		0.00
7) Phenol-d6	6.475	99	1100497	77.712	ng		-0.01
23) Nitrobenzene-d5	7.410	82	1073323	85.136	ng		-0.01
42) 2,4,6-Tribromophenol	10.675	330	349353	86.023	ng		0.00
45) 2-Fluorobiphenyl	9.204	172	2040875	77.826	ng		-0.01
79) Terphenyl-d14	12.957	244	2327645	85.249	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.593	88	161783	38.731	ng	#	100
3) Pyridine	3.340	79	438017	38.969	ng		96
4) n-Nitrosodimethylamine	3.293	42	281340	35.693	ng	#	80
6) Aniline	6.510	93	605984	38.807	ng	#	92
8) 2-Chlorophenol	6.634	128	421737	39.288	ng		87
9) Benzaldehyde	6.392	77	312149	37.229	ng		89
10) Phenol	6.492	94	568957	39.293	ng		77
11) bis(2-Chloroethyl)ether	6.581	93	392255	37.192	ng		86
12) 1,3-Dichlorobenzene	6.787	146	478459	39.136	ng	#	95
13) 1,4-Dichlorobenzene	6.863	146	483702	38.800	ng		96
14) 1,2-Dichlorobenzene	7.016	146	461168	38.397	ng		96
15) Benzyl Alcohol	6.987	79	464658	38.421	ng		93
16) 2,2'-oxybis(1-Chloropr...	7.122	45	648787	33.454	ng		91
17) 2-Methylphenol	7.098	107	357686	39.153	ng	#	89
18) Hexachloroethane	7.357	117	184036	39.294	ng	#	90
19) n-Nitroso-di-n-propyla...	7.263	70	339109	36.324	ng	#	79
20) 3+4-Methylphenols	7.251	107	484089	39.195	ng	#	76
22) Acetophenone	7.257	105	660008	38.435	ng	#	89
24) Nitrobenzene	7.428	77	508718	40.741	ng	#	83
25) Isophorone	7.669	82	845064	37.230	ng	#	88
26) 2-Nitrophenol	7.745	139	205365	46.635	ng	#	70
27) 2,4-Dimethylphenol	7.781	122	314116	37.957	ng	#	79
28) bis(2-Chloroethoxy)met...	7.881	93	498964	37.278	ng		97
29) 2,4-Dichlorophenol	7.986	162	382200	40.915	ng		96
30) 1,2,4-Trichlorobenzene	8.069	180	459633	40.354	ng		96
31) Naphthalene	8.151	128	1205605	39.149	ng		99
32) Benzoic acid	7.898	122	184202	38.190	ng	#	73
33) 4-Chloroaniline	8.198	127	496073	40.306	ng	#	90
34) Hexachlorobutadiene	8.269	225	306690	39.116	ng		99
35) Caprolactam	8.575	113	104509	40.176	ng	#	75
36) 4-Chloro-3-methylphenol	8.681	107	427284	39.666	ng		89
37) 2-Methylnaphthalene	8.845	142	821392	38.619	ng		99
38) 1-Methylnaphthalene	8.939	142	801843	38.921	ng		99
40) 1,2,4,5-Tetrachloroben...	9.010	216	468154	39.420	ng		96
41) Hexachlorocyclopentadiene	8.998	237	218692	35.441	ng		97
43) 2,4,6-Trichlorophenol	9.122	196	304689	42.367	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.157	196	322211	41.473	ng		95
46) 1,1'-Biphenyl	9.304	154	1054629	38.503	ng		97
47) 2-Chloronaphthalene	9.333	162	843051	39.103	ng		99
48) 2-Nitroaniline	9.422	65	292255	41.834	ng	#	75
49) Acenaphthylene	9.745	152	1274184	39.080	ng		97
50) Dimethylphthalate	9.610	163	995229	38.575	ng	#	98
51) 2,6-Dinitrotoluene	9.669	165	203150	45.938	ng	#	82
52) Acenaphthene	9.922	154	817202	39.738	ng		97
53) 3-Nitroaniline	9.833	138	213062	46.997	ng	#	63
54) 2,4-Dinitrophenol	9.939	184	91924	48.993	ng		87
55) Dibenzofuran	10.092	168	1193681	38.558	ng		99
56) 4-Nitrophenol	9.992	139	155604	43.490	ng	#	56
57) 2,4-Dinitrotoluene	10.069	165	272342	43.097	ng	#	87
58) Fluorene	10.433	166	941104	37.866	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.210	232	271559	41.277	ng	#	87
60) Diethylphthalate	10.304	149	956631	36.974	ng		99
61) 4-Chlorophenyl-phenyle...	10.427	204	510215	38.386	ng	#	85
62) 4-Nitroaniline	10.451	138	213782	45.213	ng		85
63) Azobenzene	10.586	77	1003353	35.715	ng		91
65) 4,6-Dinitro-2-methylph...	10.480	198	148361	47.614	ng		92
66) n-Nitrosodiphenylamine	10.545	169	804789	38.985	ng		96
67) 4-Bromophenyl-phenylether	10.916	248	307474	39.160	ng		95
68) Hexachlorobenzene	10.980	284	330623	40.309	ng		92
69) Atrazine	11.069	200	296143	40.557	ng		92
70) Pentachlorophenol	11.174	266	181565	41.080	ng		93
71) Phenanthrene	11.398	178	1381561	39.300	ng		99
72) Anthracene	11.445	178	1393956	39.717	ng		99
73) Carbazole	11.598	167	1278685	39.281	ng		100
74) Di-n-butylphthalate	11.933	149	1413095	37.256	ng		99
75) Fluoranthene	12.586	202	1518102	38.779	ng		95
77) Benzidine	12.698	184	507430	34.476	ng		98
78) Pyrene	12.810	202	1508865	42.733	ng		96
80) Butylbenzylphthalate	13.433	149	540948	42.060	ng	#	94
81) Benzo(a)anthracene	14.004	228	1181424	39.059	ng		99
82) 3,3'-Dichlorobenzidine	13.963	252	347021	39.316	ng	#	98
83) Chrysene	14.039	228	1091450	38.781	ng		98
84) Bis(2-ethylhexyl)phtha...	13.992	149	613711	34.429	ng		99
85) Di-n-octyl phthalate	14.604	149	816696	32.247	ng	#	99
87) Indeno(1,2,3-cd)pyrene	16.939	276	879658	45.007	ng	#	84
88) Benzo(b)fluoranthene	15.051	252	814951	37.942	ng	#	94
89) Benzo(k)fluoranthene	15.080	252	797133	38.259	ng	#	96
90) Benzo(a)pyrene	15.415	252	653256	38.605	ng	#	94
91) Dibenzo(a,h)anthracene	16.956	278	721758	44.961	ng	#	90
92) Benzo(g,h,i)perylene	17.380	276	720075	46.771	ng	#	81

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

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