Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122220\
Data File : BF122809.D
Acq On : 22 Dec 2020 11:48
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Dec 22 13:55:46 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 15 18:14:23 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.822	152	178648	20.00	ng		0.00
21) Naphthalene-d8	8.104	136	649686	20.00	ng		0.00
39) Acenaphthene-d10	9.863	164	331432	20.00	ng		0.00
64) Phenanthrene-d10	11.345	188	590302	20.00	ng		0.00
76) Chrysene-d12	13.992	240	455042	20.00	ng		0.00
86) Perylene-d12	15.445	264	414581	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.434	112	895385	79.35	ng		0.00
7) Phenol-d6	6.457	99	1121896	74.96	ng		0.00
23) Nitrobenzene-d5	7.386	82	917668	70.77	ng		0.00
42) 2,4,6-Tribromophenol	10.651	330	335850	77.41	ng		0.00
45) 2-Fluorobiphenyl	9.180	172	1660184	67.75	ng		0.00
79) Terphenyl-d14	12.933	244	1834415	70.57	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.569	88	200025	37.71	ng		98
3) Pyridine	3.304	79	536208	38.25	ng		97
4) n-Nitrosodimethylamine	3.269	42	205916	36.63	ng		96
6) Aniline	6.487	93	705641	40.06	ng		99
8) 2-Chlorophenol	6.610	128	475860	38.26	ng		95
9) Benzaldehyde	6.369	77	331809	36.63	ng		99
10) Phenol	6.475	94	582648	37.57	ng		91
11) bis(2-Chloroethyl)ether	6.557	93	452165	38.17	ng		99
12) 1,3-Dichlorobenzene	6.763	146	539812	36.68	ng		98
13) 1,4-Dichlorobenzene	6.839	146	542691	36.57	ng		100
14) 1,2-Dichlorobenzene	6.992	146	493589	34.46	ng		99
15) Benzyl Alcohol	6.969	79	370645	35.97	ng		100
16) 2,2'-oxybis(1-Chloropr...	7.098	45	564472	33.41	ng		97
17) 2-Methylphenol	7.081	107	383092	38.75	ng		99
18) Hexachloroethane	7.333	117	191648	36.24	ng		98
19) n-Nitroso-di-n-propyla...	7.239	70	298289	34.80	ng		99
20) 3+4-Methylphenols	7.234	107	442263	35.41	ng		95
22) Acetophenone	7.234	105	594756	36.82	ng	#	95
24) Nitrobenzene	7.410	77	480363	37.24	ng		96
25) Isophorone	7.645	82	850994	38.10	ng		98
26) 2-Nitrophenol	7.722	139	256613	40.79	ng		95
27) 2,4-Dimethylphenol	7.763	122	403217	43.73	ng		98
28) bis(2-Chloroethoxy)met...	7.857	93	548126	35.84	ng		99
29) 2,4-Dichlorophenol	7.969	162	403411	37.46	ng		99
30) 1,2,4-Trichlorobenzene	8.045	180	444886	36.46	ng		100
31) Naphthalene	8.128	128	1336825	37.29	ng		99
32) Benzoic acid	7.898	122	244108	33.22	ng		96
33) 4-Chloroaniline	8.175	127	558526	37.27	ng		98
34) Hexachlorobutadiene	8.245	225	266219	35.45	ng		98
35) Caprolactam	8.557	113	118705	36.60	ng		94
36) 4-Chloro-3-methylphenol	8.663	107	402623	37.96	ng		99
37) 2-Methylnaphthalene	8.816	142	880983	37.15	ng		99
38) 1-Methylnaphthalene	8.916	142	826216	36.83	ng		99
40) 1,2,4,5-Tetrachloroben...	8.986	216	438798	39.97	ng		99
41) Hexachlorocyclopentadiene	8.975	237	177692	36.61	ng		96
43) 2,4,6-Trichlorophenol	9.098	196	285001	37.59	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.139	196	304290	38.83	ng		98
46) 1,1'-Biphenyl	9.280	154	1056280	38.40	ng		99
47) 2-Chloronaphthalene	9.310	162	837550	36.75	ng		98
48) 2-Nitroaniline	9.404	65	234311	35.27	ng		94
49) Acenaphthylene	9.722	152	1273300	37.83	ng		100
50) Dimethylphthalate	9.586	163	963036	36.38	ng		99
51) 2,6-Dinitrotoluene	9.645	165	222855	39.86	ng		93
52) Acenaphthene	9.898	154	746397	34.27	ng		98
53) 3-Nitroaniline	9.816	138	234952	36.37	ng		94
54) 2,4-Dinitrophenol	9.927	184	98420	36.01	ng		94
55) Dibenzofuran	10.069	168	1127105	36.79	ng		98
56) 4-Nitrophenol	9.980	139	159235	34.57	ng		95
57) 2,4-Dinitrotoluene	10.051	165	288085	38.69	ng		97
58) Fluorene	10.410	166	864834	35.49	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.186	232	247551	35.95	ng		99
60) Diethylphthalate	10.280	149	922217	35.82	ng		99
61) 4-Chlorophenyl-phenyle...	10.398	204	427323	35.62	ng		100
62) 4-Nitroaniline	10.433	138	232194	35.41	ng		94
63) Azobenzene	10.563	77	861024	36.38	ng		95
65) 4,6-Dinitro-2-methylph...	10.463	198	156556	43.49	ng		97
66) n-Nitrosodiphenylamine	10.522	169	789821	37.87	ng		100
67) 4-Bromophenyl-phenylether	10.892	248	294177	36.78	ng	#	90
68) Hexachlorobenzene	10.963	284	324785	36.73	ng	#	92
69) Atrazine	11.045	200	244283	36.06	ng		100
70) Pentachlorophenol	11.157	266	168158	35.89	ng		98
71) Phenanthrene	11.374	178	1278579	36.45	ng		99
72) Anthracene	11.421	178	1340511	38.53	ng		100
73) Carbazole	11.580	167	1198404	37.99	ng		99
74) Di-n-butylphthalate	11.904	149	1403960	35.42	ng		99
75) Fluoranthene	12.563	202	1338433	36.38	ng		98
77) Benzidine	12.680	184	461197	46.86	ng		99
78) Pyrene	12.792	202	1336663	37.99	ng		100
80) Butylbenzylphthalate	13.404	149	560829	35.39	ng		100
81) Benzo(a)anthracene	13.980	228	1147263	37.73	ng		98
82) 3,3'-Dichlorobenzidine	13.939	252	455465	41.82	ng		99
83) Chrysene	14.015	228	1142207	37.74	ng		99
84) Bis(2-ethylhexyl)phtha...	13.962	149	738636	34.04	ng		99
85) Di-n-octyl phthalate	14.574	149	1191686	33.10	ng		98
87) Indeno(1,2,3-cd)pyrene	16.898	276	1034165	38.00	ng		100
88) Benzo(b)fluoranthene	15.027	252	1105072	37.99	ng		98
89) Benzo(k)fluoranthene	15.057	252	1031956	38.80	ng		97
90) Benzo(a)pyrene	15.386	252	953018	37.45	ng		100
91) Dibenzo(a,h)anthracene	16.909	278	860798	38.65	ng		99
92) Benzo(g,h,i)perylene	17.333	276	846993	39.29	ng		98

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

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