Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120420\
Data File : BF122540.D
Acq On : 4 Dec 2020 10:48
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Dec 04 12:55:28 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 04 12:52:10 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.851	152	186539	20.00	ng		0.00
21) Naphthalene-d8	8.133	136	672044	20.00	ng		0.00
39) Acenaphthene-d10	9.892	164	360533	20.00	ng		0.00
64) Phenanthrene-d10	11.374	188	663072	20.00	ng		0.00
76) Chrysene-d12	14.021	240	559419	20.00	ng		0.00
86) Perylene-d12	15.480	264	517104	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.469	112	926833	76.29	ng		0.00
7) Phenol-d6	6.487	99	1192762	75.05	ng		0.00
23) Nitrobenzene-d5	7.416	82	975025	88.82	ng		0.00
42) 2,4,6-Tribromophenol	10.680	330	363856	94.03	ng		0.00
45) 2-Fluorobiphenyl	9.216	172	1782448	77.25	ng		0.00
79) Terphenyl-d14	12.963	244	2120102	80.29	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.604	88	203377	36.50	ng		88
3) Pyridine	3.351	79	549718	35.88	ng		89
4) n-Nitrosodimethylamine	3.304	42	228314	31.61	ng		85
6) Aniline	6.516	93	742108	35.59	ng		96
8) 2-Chlorophenol	6.639	128	487911	38.73	ng		89
9) Benzaldehyde	6.398	77	307008	35.10	ng		96
10) Phenol	6.498	94	625190	39.95	ng		84
11) bis(2-Chloroethyl)ether	6.587	93	459085	36.91	ng		95
12) 1,3-Dichlorobenzene	6.792	146	549987	38.45	ng		96
13) 1,4-Dichlorobenzene	6.869	146	555568	38.67	ng		98
14) 1,2-Dichlorobenzene	7.022	146	518104	38.64	ng		99
15) Benzyl Alcohol	6.992	79	418571	37.04	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.128	45	612592	33.79	ng		93
17) 2-Methylphenol	7.104	107	407582	38.76	ng		100
18) Hexachloroethane	7.363	117	195260	39.02	ng		99
19) n-Nitroso-di-n-propyla...	7.269	70	328414	34.58	ng		91
20) 3+4-Methylphenols	7.257	107	475336	36.73	ng	#	88
22) Acetophenone	7.263	105	638533	36.48	ng		92
24) Nitrobenzene	7.434	77	513594	40.89	ng		96
25) Isophorone	7.675	82	906969	37.06	ng		97
26) 2-Nitrophenol	7.751	139	260585	47.82	ng		96
27) 2,4-Dimethylphenol	7.786	122	426751	36.97	ng		100
28) bis(2-Chloroethoxy)met...	7.886	93	569774	38.07	ng		99
29) 2,4-Dichlorophenol	7.992	162	421891	41.28	ng		98
30) 1,2,4-Trichlorobenzene	8.075	180	452283	40.10	ng		96
31) Naphthalene	8.157	128	1395327	39.05	ng		99
32) Benzoic acid	7.922	122	288597	45.63	ng		99
33) 4-Chloroaniline	8.204	127	596046	38.30	ng		98
34) Hexachlorobutadiene	8.275	225	263831	40.70	ng		100
35) Caprolactam	8.581	113	135893	41.95	ng	#	79
36) 4-Chloro-3-methylphenol	8.686	107	434003	40.72	ng		97
37) 2-Methylnaphthalene	8.851	142	929865	39.39	ng		98
38) 1-Methylnaphthalene	8.951	142	867773	39.27	ng		99
40) 1,2,4,5-Tetrachloroben...	9.016	216	448540	40.37	ng		100
41) Hexachlorocyclopentadiene	9.004	237	243245	37.45	ng		98
43) 2,4,6-Trichlorophenol	9.128	196	300294	41.62	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.169	196	324477	42.90	ng		97
46) 1,1'-Biphenyl	9.316	154	1131876	39.44	ng		97
47) 2-Chloronaphthalene	9.339	162	885152	38.86	ng		97
48) 2-Nitroaniline	9.433	65	263687	39.85	ng		90
49) Acenaphthylene	9.757	152	1379435	39.40	ng		100
50) Dimethylphthalate	9.616	163	1023433	39.94	ng		100
51) 2,6-Dinitrotoluene	9.675	165	236521	41.99	ng	#	87
52) Acenaphthene	9.927	154	875656	40.41	ng		99
53) 3-Nitroaniline	9.845	138	251696	39.43	ng		95
54) 2,4-Dinitrophenol	9.951	184	121138	60.97	ng		97
55) Dibenzofuran	10.098	168	1249658	39.36	ng		99
56) 4-Nitrophenol	10.004	139	207299	39.99	ng		96
57) 2,4-Dinitrotoluene	10.080	165	314340	44.16	ng	#	81
58) Fluorene	10.439	166	959225	39.46	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.216	232	275071	43.73	ng		97
60) Diethylphthalate	10.310	149	984659	39.17	ng		99
61) 4-Chlorophenyl-phenyle...	10.433	204	457764	39.89	ng		99
62) 4-Nitroaniline	10.457	138	254696	40.64	ng		98
63) Azobenzene	10.592	77	947809	35.94	ng		95
65) 4,6-Dinitro-2-methylph...	10.486	198	169675	55.55	ng		96
66) n-Nitrosodiphenylamine	10.551	169	870858	38.55	ng		95
67) 4-Bromophenyl-phenylether	10.922	248	314321	40.34	ng		98
68) Hexachlorobenzene	10.986	284	344633	40.94	ng		98
69) Atrazine	11.074	200	224922	39.98	ng		99
70) Pentachlorophenol	11.180	266	205449	42.36	ng		97
71) Phenanthrene	11.404	178	1442599	38.35	ng		99
72) Anthracene	11.457	178	1516992	39.12	ng		99
73) Carbazole	11.610	167	1348105	38.22	ng		99
74) Di-n-butylphthalate	11.939	149	1482042	39.41	ng		100
75) Fluoranthene	12.592	202	1558591	39.68	ng		97
77) Benzidine	12.710	184	385602	24.85	ng		100
78) Pyrene	12.821	202	1567826	39.89	ng		99
80) Butylbenzylphthalate	13.433	149	628217	40.42	ng		98
81) Benzo(a)anthracene	14.010	228	1384519	39.80	ng		99
82) 3,3'-Dichlorobenzidine	13.968	252	541584	41.77	ng		99
83) Chrysene	14.045	228	1374055	39.21	ng		100
84) Bis(2-ethylhexyl)phtha...	13.998	149	820915	43.32	ng	#	97
85) Di-n-octyl phthalate	14.610	149	1377415	42.89	ng		95
87) Indeno(1,2,3-cd)pyrene	16.945	276	1166458	37.59	ng		98
88) Benzo(b)fluoranthene	15.057	252	1419934	42.40	ng		100
89) Benzo(k)fluoranthene	15.086	252	1202025	36.81	ng		99
90) Benzo(a)pyrene	15.421	252	1149577	39.37	ng		99
91) Dibenzo(a,h)anthracene	16.962	278	957556	36.85	ng		99
92) Benzo(g,h,i)perylene	17.386	276	946084	37.43	ng		97

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

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