Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF113020\
Data File : BF122502.D
Acq On : 30 Nov 2020 11:48
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Nov 30 12:23:02 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 24 14:38:56 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.857	152	242428	20.00	ng		0.00
21) Naphthalene-d8	8.145	136	885532	20.00	ng		0.00
39) Acenaphthene-d10	9.904	164	481971	20.00	ng		0.00
64) Phenanthrene-d10	11.386	188	915544	20.00	ng		0.00
76) Chrysene-d12	14.033	240	758129	20.00	ng		0.00
86) Perylene-d12	15.504	264	732812	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.481	112	1192181	75.51	ng		0.00
7) Phenol-d6	6.498	99	1540664	74.59	ng		0.00
23) Nitrobenzene-d5	7.428	82	1279053	88.43	ng		0.00
42) 2,4,6-Tribromophenol	10.692	330	482788	93.33	ng		0.00
45) 2-Fluorobiphenyl	9.222	172	2302510	74.64	ng		0.00
79) Terphenyl-d14	12.980	244	2807520	78.45	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.634	88	265985	36.74	ng		88
3) Pyridine	3.381	79	707169	35.51	ng		88
4) n-Nitrosodimethylamine	3.340	42	300327	31.99	ng		90
6) Aniline	6.522	93	984904	36.34	ng		98
8) 2-Chlorophenol	6.645	128	636902	38.90	ng		93
9) Benzaldehyde	6.404	77	409684	36.42	ng		98
10) Phenol	6.510	94	796769	39.17	ng		91
11) bis(2-Chloroethyl)ether	6.598	93	611301	37.81	ng		92
12) 1,3-Dichlorobenzene	6.798	146	714806	38.45	ng		98
13) 1,4-Dichlorobenzene	6.875	146	719302	38.52	ng		99
14) 1,2-Dichlorobenzene	7.034	146	666572	38.25	ng		99
15) Benzyl Alcohol	7.004	79	534307	36.39	ng		100
16) 2,2'-oxybis(1-Chloropr...	7.134	45	809697	34.36	ng		94
17) 2-Methylphenol	7.116	107	521525	38.16	ng		100
18) Hexachloroethane	7.375	117	254347	39.11	ng		93
19) n-Nitroso-di-n-propyla...	7.281	70	433957	35.16	ng	#	89
20) 3+4-Methylphenols	7.269	107	611026	36.33	ng		97
22) Acetophenone	7.275	105	823047	35.68	ng	#	90
24) Nitrobenzene	7.445	77	681276	41.17	ng		96
25) Isophorone	7.686	82	1198001	37.15	ng		96
26) 2-Nitrophenol	7.763	139	336808	47.04	ng		93
27) 2,4-Dimethylphenol	7.798	122	563678	37.06	ng		99
28) bis(2-Chloroethoxy)met...	7.892	93	747796	37.91	ng		99
29) 2,4-Dichlorophenol	8.004	162	554151	41.15	ng		96
30) 1,2,4-Trichlorobenzene	8.086	180	592493	39.86	ng		96
31) Naphthalene	8.169	128	1801510	38.27	ng		98
32) Benzoic acid	7.928	122	342210	41.86	ng		99
33) 4-Chloroaniline	8.216	127	787508	38.41	ng		97
34) Hexachlorobutadiene	8.286	225	350532	41.03	ng		99
35) Caprolactam	8.598	113	176012	41.24	ng	#	79
36) 4-Chloro-3-methylphenol	8.698	107	576776	41.07	ng		97
37) 2-Methylnaphthalene	8.857	142	1212991	39.00	ng		98
38) 1-Methylnaphthalene	8.957	142	1127138	38.71	ng		100
40) 1,2,4,5-Tetrachloroben...	9.028	216	585827	39.44	ng		99
41) Hexachlorocyclopentadiene	9.016	237	336375	38.74	ng		100
43) 2,4,6-Trichlorophenol	9.139	196	400877	41.56	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.180	196	430982	42.62	ng		96
46) 1,1'-Biphenyl	9.322	154	1476742	38.49	ng		99
47) 2-Chloronaphthalene	9.351	162	1176746	38.65	ng		97
48) 2-Nitroaniline	9.445	65	356750	40.26	ng		86
49) Acenaphthylene	9.763	152	1805831	38.59	ng		99
50) Dimethylphthalate	9.627	163	1390379	40.58	ng		100
51) 2,6-Dinitrotoluene	9.686	165	323381	42.86	ng	#	85
52) Acenaphthene	9.939	154	1148852	39.66	ng		99
53) 3-Nitroaniline	9.857	138	345767	40.42	ng		95
54) 2,4-Dinitrophenol	9.963	184	133061	54.14	ng		95
55) Dibenzofuran	10.110	168	1638873	38.62	ng		99
56) 4-Nitrophenol	10.016	139	266336	38.64	ng		94
57) 2,4-Dinitrotoluene	10.092	165	428460	44.93	ng	#	83
58) Fluorene	10.451	166	1259479	38.76	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.227	232	367723	43.73	ng		97
60) Diethylphthalate	10.322	149	1365818	40.64	ng		100
61) 4-Chlorophenyl-phenyle...	10.439	204	615283	40.11	ng		94
62) 4-Nitroaniline	10.475	138	356608	42.40	ng		98
63) Azobenzene	10.604	77	1296613	36.78	ng		94
65) 4,6-Dinitro-2-methylph...	10.498	198	200760	50.17	ng		99
66) n-Nitrosodiphenylamine	10.563	169	1172775	37.60	ng		96
67) 4-Bromophenyl-phenylether	10.933	248	427737	39.76	ng		99
68) Hexachlorobenzene	11.004	284	467715	40.24	ng	#	93
69) Atrazine	11.086	200	319549	41.13	ng		100
70) Pentachlorophenol	11.192	266	272716	40.72	ng		99
71) Phenanthrene	11.416	178	1940633	37.36	ng		98
72) Anthracene	11.469	178	1987622	37.13	ng		99
73) Carbazole	11.621	167	1813499	37.24	ng		99
74) Di-n-butylphthalate	11.951	149	2075314	39.97	ng		99
75) Fluoranthene	12.604	202	2077675	38.31	ng		98
77) Benzidine	12.721	184	786218	37.39	ng		99
78) Pyrene	12.833	202	2098514	39.40	ng		99
80) Butylbenzylphthalate	13.451	149	896422	42.38	ng		93
81) Benzo(a)anthracene	14.021	228	1833046	38.88	ng		99
82) 3,3'-Dichlorobenzidine	13.986	252	735199	41.84	ng		99
83) Chrysene	14.063	228	1829609	38.53	ng		98
84) Bis(2-ethylhexyl)phtha...	14.010	149	1184863	46.14	ng		98
85) Di-n-octyl phthalate	14.621	149	2010169	46.19	ng		96
87) Indeno(1,2,3-cd)pyrene	16.974	276	1765991	40.16	ng		99
88) Benzo(b)fluoranthene	15.074	252	1954935	41.19	ng		99
89) Benzo(k)fluoranthene	15.110	252	1666695	36.01	ng		99
90) Benzo(a)pyrene	15.445	252	1619498	39.14	ng		100
91) Dibenzo(a,h)anthracene	16.998	278	1460643	39.66	ng		99
92) Benzo(g,h,i)perylene	17.421	276	1437588	40.14	ng		98

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

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