Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020321\
Data File : BF123105.D
Acq On : 3 Feb 2021 16:01
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040EC

Quant Time: Feb 03 16:41:02 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 29 12:29:00 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.892	152	286203	20.00	ng		0.00
21) Naphthalene-d8	8.181	136	1078809	20.00	ng		# 0.00
39) Acenaphthene-d10	9.939	164	558225	20.00	ng		0.00
64) Phenanthrene-d10	11.433	188	983297	20.00	ng		0.00
76) Chrysene-d12	14.086	240	742224	20.00	ng		0.00
86) Perylene-d12	15.568	264	620015	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.510	112	1293604	69.72	ng		0.00
7) Phenol-d6	6.522	99	1699651	67.58	ng		0.00
23) Nitrobenzene-d5	7.463	82	1522673	71.03	ng		0.00
42) 2,4,6-Tribromophenol	10.733	330	458202	75.61	ng		0.00
45) 2-Fluorobiphenyl	9.257	172	2585219	68.84	ng		0.00
79) Terphenyl-d14	13.027	244	2848008	75.39	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.681	88	314945	34.12	ng		95
3) Pyridine	3.440	79	844814	34.22	ng		97
4) n-Nitrosodimethylamine	3.393	42	347175	33.42	ng		93
6) Aniline	6.557	93	1046320	33.80	ng		99
8) 2-Chlorophenol	6.681	128	711388	35.37	ng		99
9) Benzaldehyde	6.445	77	448661	39.02	ng		99
10) Phenol	6.534	94	912542	36.59	ng		89
11) bis(2-Chloroethyl)ether	6.628	93	698858	33.67	ng		97
12) 1,3-Dichlorobenzene	6.839	146	823917	35.13	ng		99
13) 1,4-Dichlorobenzene	6.916	146	830721	34.01	ng		100
14) 1,2-Dichlorobenzene	7.069	146	769065	33.65	ng		98
15) Benzyl Alcohol	7.034	79	616719	34.98	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.169	45	1069208	33.41	ng		98
17) 2-Methylphenol	7.145	107	586059	34.25	ng		99
18) Hexachloroethane	7.410	117	305835	35.75	ng		94
19) n-Nitroso-di-n-propyla...	7.310	70	501617	33.17	ng		95
20) 3+4-Methylphenols	7.298	107	721729	35.81	ng	#	88
22) Acetophenone	7.304	105	941779	33.50	ng	#	99
24) Nitrobenzene	7.481	77	768292	34.79	ng		97
25) Isophorone	7.716	82	1307888	33.31	ng		99
26) 2-Nitrophenol	7.792	139	374405	40.99	ng		99
27) 2,4-Dimethylphenol	7.828	122	551145	33.44	ng		99
28) bis(2-Chloroethoxy)met...	7.928	93	877204	32.74	ng		98
29) 2,4-Dichlorophenol	8.034	162	610562	35.43	ng		97
30) 1,2,4-Trichlorobenzene	8.122	180	682497	35.15	ng		99
31) Naphthalene	8.204	128	2017976	34.10	ng		99
32) Benzoic acid	7.945	122	468463	36.59	ng		98
33) 4-Chloroaniline	8.245	127	870464	33.15	ng		97
34) Hexachlorobutadiene	8.322	225	403307	35.96	ng		100
35) Caprolactam	8.622	113	196702	33.77	ng		87
36) 4-Chloro-3-methylphenol	8.728	107	629916	35.15	ng		98
37) 2-Methylnaphthalene	8.892	142	1330519	33.87	ng		99
38) 1-Methylnaphthalene	8.992	142	1242355	33.40	ng		100
40) 1,2,4,5-Tetrachloroben...	9.063	216	623197	35.89	ng		100
41) Hexachlorocyclopentadiene	9.051	237	303132	36.77	ng		98
43) 2,4,6-Trichlorophenol	9.169	196	440871	37.03	ng		98

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44) 2,4,5-Trichlorophenol	9.210	196	458014	36.79	ng		97
46) 1,1'-Biphenyl	9.363	154	1561632	34.11	ng		99
47) 2-Chloronaphthalene	9.386	162	1313447	34.27	ng		99
48) 2-Nitroaniline	9.475	65	432495	37.23	ng		84
49) Acenaphthylene	9.804	152	1918208	34.19	ng		100
50) Dimethylphthalate	9.663	163	1490576	34.03	ng		99
51) 2,6-Dinitrotoluene	9.722	165	342234	36.68	ng		95
52) Acenaphthene	9.975	154	1246570	34.59	ng		99
53) 3-Nitroaniline	9.892	138	387063	35.09	ng		98
54) 2,4-Dinitrophenol	9.992	184	151367	39.29	ng		98
55) Dibenzofuran	10.145	168	1737276	33.13	ng		100
56) 4-Nitrophenol	10.039	139	285003	35.74	ng		87
57) 2,4-Dinitrotoluene	10.122	165	441853	36.42	ng		97
58) Fluorene	10.492	166	1300384	31.04	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.263	232	384017	36.37	ng		96
60) Diethylphthalate	10.363	149	1465550	34.03	ng		100
61) 4-Chlorophenyl-phenyle...	10.480	204	662911	33.68	ng		99
62) 4-Nitroaniline	10.504	138	379844	34.27	ng		98
63) Azobenzene	10.645	77	1388077	32.94	ng		98
65) 4,6-Dinitro-2-methylph...	10.533	198	202483	38.42	ng		97
66) n-Nitrosodiphenylamine	10.598	169	1203045	33.94	ng		98
67) 4-Bromophenyl-phenylether	10.974	248	442271	35.32	ng		97
68) Hexachlorobenzene	11.045	284	478874	35.65	ng		96
69) Atrazine	11.127	200	354693	36.24	ng		98
70) Pentachlorophenol	11.233	266	281048	38.61	ng		99
71) Phenanthrene	11.457	178	1973722	32.32	ng		99
72) Anthracene	11.510	178	1939269	33.10	ng		100
73) Carbazole	11.663	167	1798599	33.08	ng		100
74) Di-n-butylphthalate	11.992	149	2211030	34.30	ng		100
75) Fluoranthene	12.651	202	2006071	32.87	ng		100
77) Benzidine	12.768	184	642652	38.26	ng		99
78) Pyrene	12.880	202	2026081	36.16	ng		99
80) Butylbenzylphthalate	13.498	149	928383	38.51	ng		96
81) Benzo(a)anthracene	14.074	228	1749519	34.83	ng		99
82) 3,3'-Dichlorobenzidine	14.033	252	598494	37.86	ng	#	97
83) Chrysene	14.115	228	1714420	34.10	ng		99
84) Bis(2-ethylhexyl)phtha...	14.063	149	1203689	37.57	ng		99
85) Di-n-octyl phthalate	14.680	149	1974977	36.71	ng		98
87) Indeno(1,2,3-cd)pyrene	17.074	276	1468614	35.57	ng		98
88) Benzo(b)fluoranthene	15.133	252	1634213	36.52	ng		99
89) Benzo(k)fluoranthene	15.168	252	1495689	35.97	ng		99
90) Benzo(a)pyrene	15.509	252	1405367	35.76	ng		100
91) Dibenzo(a,h)anthracene	17.092	278	1203226	35.41	ng		98
92) Benzo(g,h,i)perylene	17.527	276	1172167	35.59	ng		98

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

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