Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021121\
Data File : BF123181.D
Acq On : 11 Feb 2021 12:15
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Feb 11 13:57:42 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 11 13:57:30 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.887	152	145343	20.00	ng		0.00
21) Naphthalene-d8	8.169	136	529577	20.00	ng		0.00
39) Acenaphthene-d10	9.928	164	285184	20.00	ng		0.00
64) Phenanthrene-d10	11.416	188	534466	20.00	ng		0.00
76) Chrysene-d12	14.074	240	463104	20.00	ng		0.00
86) Perylene-d12	15.551	264	387682	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.498	112	766767	81.38	ng		0.00
7) Phenol-d6	6.510	99	1004542	78.66	ng		0.00
23) Nitrobenzene-d5	7.445	82	894982	85.05	ng		0.00
42) 2,4,6-Tribromophenol	10.722	330	310249	100.22	ng		0.00
45) 2-Fluorobiphenyl	9.245	172	1647655	85.89	ng		0.00
79) Terphenyl-d14	13.010	244	2119649	89.93	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.640	88	174561	37.24	ng		96
3) Pyridine	3.405	79	469966	37.49	ng		96
4) n-Nitrosodimethylamine	3.352	42	193964	36.77	ng		94
6) Aniline	6.545	93	595989	37.91	ng		99
8) 2-Chlorophenol	6.669	128	417696	40.90	ng		99
9) Benzaldehyde	6.434	77	268312	45.95	ng		99
10) Phenol	6.522	94	534426	42.19	ng		94
11) bis(2-Chloroethyl)ether	6.616	93	395997	37.57	ng		97
12) 1,3-Dichlorobenzene	6.828	146	483552	40.60	ng		99
13) 1,4-Dichlorobenzene	6.904	146	486238	39.20	ng		99
14) 1,2-Dichlorobenzene	7.057	146	452353	38.98	ng		98
15) Benzyl Alcohol	7.022	79	358050	39.99	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.157	45	551651	33.94	ng		99
17) 2-Methylphenol	7.134	107	339888	39.11	ng		98
18) Hexachloroethane	7.398	117	177287	40.80	ng		95
19) n-Nitroso-di-n-propyla...	7.298	70	285931	37.23	ng		98
20) 3+4-Methylphenols	7.287	107	426813	41.70	ng	#	89
22) Acetophenone	7.293	105	556401	40.32	ng		98
24) Nitrobenzene	7.469	77	441611	40.73	ng		99
25) Isophorone	7.704	82	751677	39.00	ng		99
26) 2-Nitrophenol	7.781	139	218512	48.74	ng		97
27) 2,4-Dimethylphenol	7.816	122	300103	37.10	ng		98
28) bis(2-Chloroethoxy)met...	7.916	93	497263	37.81	ng		99
29) 2,4-Dichlorophenol	8.028	162	357117	42.21	ng		98
30) 1,2,4-Trichlorobenzene	8.110	180	402266	42.21	ng		99
31) Naphthalene	8.192	128	1192814	41.06	ng		100
32) Benzoic acid	7.940	122	212788	34.23	ng		98
33) 4-Chloroaniline	8.239	127	509607	39.53	ng		99
34) Hexachlorobutadiene	8.310	225	246302	44.74	ng		99
35) Caprolactam	8.610	113	120404	42.11	ng		98
36) 4-Chloro-3-methylphenol	8.716	107	382213	43.45	ng		95
37) 2-Methylnaphthalene	8.887	142	792606	41.10	ng		98
38) 1-Methylnaphthalene	8.986	142	754417	41.32	ng		100
40) 1,2,4,5-Tetrachloroben...	9.051	216	377261	42.52	ng		99
41) Hexachlorocyclopentadiene	9.039	237	167268	39.72	ng		97
43) 2,4,6-Trichlorophenol	9.163	196	263194	43.27	ng		95

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44) 2,4,5-Trichlorophenol	9.198	196	277969	43.71	ng	98
46) 1,1'-Biphenyl	9.351	154	959112	41.00	ng	98
47) 2-Chloronaphthalene	9.375	162	802159	40.96	ng	99
48) 2-Nitroaniline	9.469	65	262837	44.29	ng	91
49) Acenaphthylene	9.792	152	1194928	41.69	ng	99
50) Dimethylphthalate	9.651	163	936669	41.86	ng	100
51) 2,6-Dinitrotoluene	9.710	165	210944	44.26	ng	94
52) Acenaphthene	9.963	154	782045	42.48	ng	99
53) 3-Nitroaniline	9.881	138	241134	42.79	ng	94
54) 2,4-Dinitrophenol	9.986	184	105579	51.14	ng	95
55) Dibenzofuran	10.133	168	1085846	40.53	ng	100
56) 4-Nitrophenol	10.034	139	181676	44.59	ng	82
57) 2,4-Dinitrotoluene	10.116	165	288107	46.48	ng	93
58) Fluorene	10.481	166	856072	40.00	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.251	232	241648	44.80	ng	96
60) Diethylphthalate	10.345	149	920081	41.82	ng	98
61) 4-Chlorophenyl-phenyle...	10.469	204	427547	42.52	ng	99
62) 4-Nitroaniline	10.492	138	249238	44.01	ng	100
63) Azobenzene	10.628	77	846425	39.32	ng	98
65) 4,6-Dinitro-2-methylph...	10.528	198	142331	48.22	ng	91
66) n-Nitrosodiphenylamine	10.586	169	758635	39.38	ng	99
67) 4-Bromophenyl-phenylether	10.963	248	286174	42.04	ng	94
68) Hexachlorobenzene	11.033	284	318047	43.56	ng	94
69) Atrazine	11.116	200	200893	37.76	ng	98
70) Pentachlorophenol	11.222	266	179575	45.38	ng	98
71) Phenanthrene	11.445	178	1318564	39.72	ng	99
72) Anthracene	11.498	178	1298558	40.78	ng	99
73) Carbazole	11.651	167	1213910	41.08	ng	99
74) Di-n-butylphthalate	11.980	149	1427243	40.73	ng	100
75) Fluoranthene	12.639	202	1402821	42.28	ng	98
77) Benzidine	12.757	184	345914	33.01	ng	100
78) Pyrene	12.869	202	1438588	41.15	ng	100
80) Butylbenzylphthalate	13.486	149	630910	41.94	ng	95
81) Benzo(a)anthracene	14.063	228	1327912	42.37	ng	98
82) 3,3'-Dichlorobenzidine	14.021	252	436069	44.21	ng	97
83) Chrysene	14.098	228	1283868	40.93	ng	99
84) Bis(2-ethylhexyl)phtha...	14.045	149	836020	41.82	ng	98
85) Di-n-octyl phthalate	14.663	149	1388318	41.36	ng	100
87) Indeno(1,2,3-cd)pyrene	17.057	276	1034218	40.06	ng	99
88) Benzo(b)fluoranthene	15.121	252	1178949	42.13	ng	98
89) Benzo(k)fluoranthene	15.151	252	1152941	44.34	ng	99
90) Benzo(a)pyrene	15.492	252	1045749	42.55	ng	100
91) Dibenzo(a,h)anthracene	17.074	278	844103	39.72	ng	99
92) Benzo(g,h,i)perylene	17.509	276	820631	39.85	ng	98

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

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