Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042321\
Data File : BF123693.D
Acq On : 23 Apr 2021 13:45
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Apr 23 14:41:49 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 23 10:48:36 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.834	152	259594	20.00	ng		0.00
21) Naphthalene-d8	8.116	136	923404	20.00	ng		-0.01
39) Acenaphthene-d10	9.881	164	438798	20.00	ng		0.00
64) Phenanthrene-d10	11.363	188	823485	20.00	ng		-0.01
76) Chrysene-d12	14.016	240	560265	20.00	ng		0.00
86) Perylene-d12	15.486	264	407119	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.451	112	1279089	79.64	ng		0.00
7) Phenol-d6	6.469	99	1771225	79.58	ng		0.00
23) Nitrobenzene-d5	7.398	82	1640151	81.65	ng		0.00
42) 2,4,6-Tribromophenol	10.669	330	425681	85.67	ng		0.00
45) 2-Fluorobiphenyl	9.198	172	2303335	78.25	ng		0.00
79) Terphenyl-d14	12.957	244	2383482	82.68	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.563	88	355243	42.34	ng		96
3) Pyridine	3.305	79	890575	43.40	ng		89
4) n-Nitrosodimethylamine	3.257	42	494556	40.67	ng		96
6) Aniline	6.493	93	1018370	38.87	ng		93
8) 2-Chlorophenol	6.622	128	687658	39.86	ng		96
9) Benzaldehyde	6.381	77	481091	33.11	ng		99
10) Phenol	6.481	94	941444	39.83	ng		91
11) bis(2-Chloroethyl)ether	6.569	93	673019	38.29	ng		98
12) 1,3-Dichlorobenzene	6.775	146	688857	38.84	ng		97
13) 1,4-Dichlorobenzene	6.851	146	693662	38.54	ng		96
14) 1,2-Dichlorobenzene	7.004	146	647733	38.30	ng		97
15) Benzyl Alcohol	6.975	79	707199	40.27	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.110	45	1423117	35.87	ng		99
17) 2-Methylphenol	7.093	107	583398	39.36	ng		98
18) Hexachloroethane	7.345	117	275304	38.36	ng		95
19) n-Nitroso-di-n-propyla...	7.251	70	526294	35.70	ng		97
20) 3+4-Methylphenols	7.245	107	710329	37.55	ng	#	83
22) Acetophenone	7.245	105	973134	38.00	ng	#	93
24) Nitrobenzene	7.416	77	845151	39.96	ng		96
25) Isophorone	7.657	82	1468860	37.69	ng		100
26) 2-Nitrophenol	7.734	139	353918	48.97	ng		97
27) 2,4-Dimethylphenol	7.775	122	548323	41.11	ng		95
28) bis(2-Chloroethoxy)met...	7.869	93	752190	38.46	ng		98
29) 2,4-Dichlorophenol	7.981	162	531354	40.92	ng		97
30) 1,2,4-Trichlorobenzene	8.063	180	544140	39.00	ng		99
31) Naphthalene	8.140	128	1874848	39.42	ng		99
32) Benzoic acid	7.898	122	336422	38.87	ng		98
33) 4-Chloroaniline	8.187	127	762597	39.04	ng		99
34) Hexachlorobutadiene	8.263	225	334425	38.19	ng		98
35) Caprolactam	8.563	113	183401	40.45	ng		94
36) 4-Chloro-3-methylphenol	8.675	107	654619	38.87	ng		95
37) 2-Methylnaphthalene	8.834	142	1200912	38.50	ng		99
38) 1-Methylnaphthalene	8.934	142	1125496	38.14	ng		99
40) 1,2,4,5-Tetrachloroben...	8.998	216	514904	42.52	ng		98
41) Hexachlorocyclopentadiene	8.986	237	204235	32.45	ng		100
43) 2,4,6-Trichlorophenol	9.110	196	355142	43.22	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.151	196	378103	42.09	ng		98
46) 1,1'-Biphenyl	9.298	154	1396748	40.67	ng		98
47) 2-Chloronaphthalene	9.322	162	1060518	41.04	ng		99
48) 2-Nitroaniline	9.416	65	481228	44.69	ng		92
49) Acenaphthylene	9.739	152	1748090	41.35	ng		99
50) Dimethylphthalate	9.598	163	1175258	38.77	ng		99
51) 2,6-Dinitrotoluene	9.663	165	281954	42.37	ng		85
52) Acenaphthene	9.910	154	1138035	41.96	ng		100
53) 3-Nitroaniline	9.834	138	341397	44.23	ng		90
54) 2,4-Dinitrophenol	9.934	184	149027	50.98	ng		94
55) Dibenzofuran	10.086	168	1561928	40.14	ng		98
56) 4-Nitrophenol	9.998	139	265002	44.80	ng		94
57) 2,4-Dinitrotoluene	10.063	165	384645	43.28	ng	#	86
58) Fluorene	10.428	166	1191814	38.97	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.204	232	304422	42.55	ng		98
60) Diethylphthalate	10.298	149	1234124	37.19	ng		99
61) 4-Chlorophenyl-phenyle...	10.416	204	535714	37.95	ng		98
62) 4-Nitroaniline	10.445	138	335112	42.99	ng		94
63) Azobenzene	10.581	77	1417261	37.70	ng		99
65) 4,6-Dinitro-2-methylph...	10.475	198	216034	50.28	ng		94
66) n-Nitrosodiphenylamine	10.539	169	1051762	39.90	ng		99
67) 4-Bromophenyl-phenylether	10.910	248	337709	39.23	ng		98
68) Hexachlorobenzene	10.980	284	390678	40.26	ng	#	92
69) Atrazine	11.069	200	314146	38.24	ng		98
70) Pentachlorophenol	11.175	266	210553	41.53	ng		98
71) Phenanthrene	11.392	178	1702414	39.61	ng		99
72) Anthracene	11.445	178	1705294	39.70	ng		99
73) Carbazole	11.598	167	1729170	40.33	ng		99
74) Di-n-butylphthalate	11.928	149	1815511	34.99	ng		99
75) Fluoranthene	12.586	202	1826298	38.67	ng		98
77) Benzidine	12.704	184	697984	45.83	ng		97
78) Pyrene	12.816	202	1849795	45.24	ng		99
80) Butylbenzylphthalate	13.433	149	763180	39.72	ng		95
81) Benzo(a)anthracene	14.004	228	1336464	38.93	ng		99
82) 3,3'-Dichlorobenzidine	13.969	252	436481	39.80	ng		97
83) Chrysene	14.045	228	1344882	39.01	ng		99
84) Bis(2-ethylhexyl)phtha...	13.998	149	875371	34.26	ng		98
85) Di-n-octyl phthalate	14.610	149	1300472	31.63	ng		98
87) Indeno(1,2,3-cd)pyrene	16.957	276	1087791	50.08	ng		98
88) Benzo(b)fluoranthene	15.057	252	1042598	36.27	ng		99
89) Benzo(k)fluoranthene	15.086	252	1034341	40.00	ng		99
90) Benzo(a)pyrene	15.421	252	928954	40.63	ng		98
91) Dibenzo(a,h)anthracene	16.974	278	887685	48.32	ng		98
92) Benzo(g,h,i)perylene	17.404	276	958283	52.04	ng		99

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

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