Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP070620\
Data File : BP002646.D
Acq On : 06 Jul 2020 16:17
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSTDCCC040EC

Quant Time: Jul 06 16:47:15 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP062920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 29 16:51:57 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	324957	20.00	ng	0.00
21) Naphthalene-d8	10.35	136	1145623	20.00	ng	0.00
39) Acenaphthene-d10	14.22	164	659440	20.00	ng	0.00
64) Phenanthrene-d10	16.99	188	1311396	20.00	ng	0.00
76) Chrysene-d12	21.09	240	1309877	20.00	ng	0.00
86) Perylene-d12	23.29	264	1596069	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	1415473	73.75	ng	0.00
7) Phenol-d6	6.77	99	1931596	72.11	ng	0.00
23) Nitrobenzene-d5	8.72	82	1635390	73.55	ng	0.00
42) 2,4,6-Tribromophenol	15.73	330	704420	87.83	ng	0.00
45) 2-Fluorobiphenyl	12.84	172	3270457	72.99	ng	0.00
79) Terphenyl-d14	19.57	244	4327847	71.32	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.15	88	302405	36.762	ng	99
3) Pyridine	3.52	79	873175	35.815	ng	99
4) n-Nitrosodimethylamine	3.45	42	346410	33.473	ng	85
6) Aniline	6.90	93	1225498	36.416	ng	97
8) 2-Chlorophenol	7.15	128	791957	37.146	ng	99
9) Benzaldehyde	6.72	77	526710	37.052	ng	97
10) Phenol	6.79	94	988159	36.579	ng	94
11) bis(2-Chloroethyl)ether	7.01	93	828635	37.372	ng	99
12) 1,3-Dichlorobenzene	7.46	146	939689	38.196	ng	98
13) 1,4-Dichlorobenzene	7.60	146	942396	37.600	ng	97
14) 1,2-Dichlorobenzene	7.92	146	881424	36.535	ng	99
15) Benzyl Alcohol	7.82	79	668749	33.223	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.11	45	1120155	36.260	ng	99
17) 2-Methylphenol	8.03	107	698332	34.536	ng	98
18) Hexachloroethane	8.64	117	335316	37.069	ng	95
19) n-Nitroso-di-n-propylamine	8.38	70	548185	31.189	ng	97
20) 3+4-Methylphenols	8.36	107	919013	33.712	ng	97
22) Acetophenone	8.39	105	1061006	36.591	ng	97
24) Nitrobenzene	8.76	77	880962	37.433	ng	97
25) Isophorone	9.29	82	1572972	35.297	ng	98
26) 2-Nitrophenol	9.47	139	428155	39.891	ng	93
27) 2,4-Dimethylphenol	9.55	122	626406	38.515	ng	96
28) bis(2-Chloroethoxy)methane	9.78	93	980525	38.304	ng	99
29) 2,4-Dichlorophenol	10.00	162	734822	39.203	ng	98
30) 1,2,4-Trichlorobenzene	10.22	180	891314	42.238	ng	98
31) Naphthalene	10.39	128	2312102	38.124	ng	99
32) Benzoic acid	9.72	122	357227	31.596	ng	96
33) 4-Chloroaniline	10.51	127	977269	36.840	ng	98
34) Hexachlorobutadiene	10.69	225	550759	42.641	ng	98
35) Caprolactam	11.28	113	204887	32.518	ng	98
36) 4-Chloro-3-methylphenol	11.66	107	684122	33.301	ng	98
37) 2-Methylnaphthalene	12.02	142	1606959	36.341	ng	96
38) 1-Methylnaphthalene	12.24	142	1485869	35.679	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.40	216	889397	43.193	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.39	237	498795	48.245	ng		97
43) 2,4,6-Trichlorophenol	12.65	196	585600	42.031	ng		98
44) 2,4,5-Trichlorophenol	12.73	196	640696	39.947	ng		93
46) 1,1'-Biphenyl	13.05	154	1885848	37.806	ng		100
47) 2-Chloronaphthalene	13.09	162	1566405	38.577	ng		96
48) 2-Nitroaniline	13.30	65	445898	34.422	ng		90
49) Acenaphthylene	13.94	152	2368428	37.062	ng		98
50) Dimethylphthalate	13.69	163	1839922	35.524	ng		100
51) 2,6-Dinitrotoluene	13.80	165	417004	37.279	ng		91
52) Acenaphthene	14.29	154	1403724	37.231	ng		99
53) 3-Nitroaniline	14.13	138	442217	36.307	ng		97
54) 2,4-Dinitrophenol	14.35	184	207787	33.569	ng		86
55) Dibenzofuran	14.63	168	2240330	36.666	ng		98
56) 4-Nitrophenol	14.47	139	302428	32.932	ng		87
57) 2,4-Dinitrotoluene	14.60	165	548818	36.472	ng		90
58) Fluorene	15.28	166	1615411	34.715	ng		98
59) 2,3,4,6-Tetrachlorophenol	14.87	232	508929	39.281	ng		92
60) Diethylphthalate	15.07	149	1711342	33.228	ng		97
61) 4-Chlorophenyl-phenylether	15.29	204	919866	36.860	ng	#	89
62) 4-Nitroaniline	15.30	138	425416	34.946	ng		87
63) Azobenzene	15.58	77	1682413	33.784	ng		94
65) 4,6-Dinitro-2-methylphenol	15.38	198	315055	37.929	ng		91
66) n-Nitrosodiphenylamine	15.50	169	1529356	39.949	ng		97
67) 4-Bromophenyl-phenylether	16.18	248	652438	44.273	ng		93
68) Hexachlorobenzene	16.30	284	692540	43.866	ng		98
69) Atrazine	16.46	200	456494	37.162	ng		97
70) Pentachlorophenol	16.65	266	351259	40.298	ng		99
71) Phenanthrene	17.03	178	2677740	37.951	ng		99
72) Anthracene	17.12	178	2727287	38.843	ng		100
73) Carbazole	17.39	167	2528870	37.268	ng		98
74) Di-n-butylphthalate	17.97	149	2883473	36.082	ng		98
75) Fluoranthene	19.02	202	3155272	36.944	ng		98
77) Benzidine	19.20	184	1464049	37.004	ng		100
78) Pyrene	19.36	202	3341331	37.476	ng		99
80) Butylbenzylphthalate	20.26	149	1356438	34.848	ng		97
81) Benzo(a)anthracene	21.08	228	3283573	38.344	ng		98
82) 3,3'-Dichlorobenzidine	21.02	252	1275547	40.685	ng		95
83) Chrysene	21.13	228	3097968	37.726	ng		100
84) Bis(2-ethylhexyl)phthalate	21.03	149	1881529	33.663	ng	#	96
85) Di-n-octyl phthalate	21.89	149	3482270	35.274	ng		99
87) Indeno(1,2,3-cd)pyrene	25.52	276	4758726	41.409	ng		98
88) Benzo(b)fluoranthene	22.64	252	3789765	37.212	ng		98
89) Benzo(k)fluoranthene	22.68	252	3634333	38.252	ng		98
90) Benzo(a)pyrene	23.20	252	3623637	38.773	ng		99
91) Dibenzo(a,h)anthracene	25.53	278	3853532	41.036	ng		99
92) Benzo(g,h,i)perylene	26.19	276	4068584	43.322	ng		96

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

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