Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP071320\
Data File : BP002739.D
Acq On : 13 Jul 2020 16:55
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSTDCCC040EC

Quant Time: Jul 13 17:31:51 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP071020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 13 10:54:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	257914	20.00	ng	0.00
21) Naphthalene-d8	10.32	136	1022146	20.00	ng	0.00
39) Acenaphthene-d10	14.20	164	629783	20.00	ng	0.00
64) Phenanthrene-d10	16.96	188	1360855	20.00	ng	0.00
76) Chrysene-d12	21.07	240	1616851	20.00	ng	0.00
86) Perylene-d12	23.26	264	1857416	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.18	112	1156808	75.67	ng	0.00
7) Phenol-d6	6.76	99	1696636	77.77	ng	0.00
23) Nitrobenzene-d5	8.70	82	1527052	79.90	ng	0.00
42) 2,4,6-Tribromophenol	15.71	330	524410	79.77	ng	0.00
45) 2-Fluorobiphenyl	12.82	172	2943022	72.29	ng	0.00
79) Terphenyl-d14	19.55	244	4829023	68.48	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.12	88	240464	36.081	ng	99
3) Pyridine	3.50	79	696511	35.068	ng	100
4) n-Nitrosodimethylamine	3.42	42	303702	40.590	ng	95
6) Aniline	6.89	93	1089406	39.445	ng	98
8) 2-Chlorophenol	7.13	128	657821	38.677	ng	99
9) Benzaldehyde	6.70	77	445426	37.579	ng	99
10) Phenol	6.78	94	884647	39.584	ng	99
11) bis(2-Chloroethyl)ether	6.99	93	723759	38.936	ng	100
12) 1,3-Dichlorobenzene	7.44	146	740506	37.970	ng	98
13) 1,4-Dichlorobenzene	7.59	146	740740	37.847	ng	99
14) 1,2-Dichlorobenzene	7.90	146	713583	37.807	ng	99
15) Benzyl Alcohol	7.80	79	608168	41.657	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.09	45	1031492	38.584	ng	99
17) 2-Methylphenol	8.01	107	629834	39.558	ng	99
18) Hexachloroethane	8.62	117	269020	38.806	ng	97
19) n-Nitroso-di-n-propylamine	8.36	70	520126	39.150	ng	99
20) 3+4-Methylphenols	8.34	107	836191	39.719	ng	99
22) Acetophenone	8.37	105	967114	38.380	ng	100
24) Nitrobenzene	8.74	77	831784	40.187	ng	99
25) Isophorone	9.27	82	1555501	39.935	ng	99
26) 2-Nitrophenol	9.45	139	377816	42.263	ng	99
27) 2,4-Dimethylphenol	9.53	122	583215	40.184	ng	99
28) bis(2-Chloroethoxy)methane	9.75	93	934541	39.501	ng	99
29) 2,4-Dichlorophenol	9.99	162	652526	40.780	ng	100
30) 1,2,4-Trichlorobenzene	10.19	180	713788	38.946	ng	99
31) Naphthalene	10.38	128	2053396	38.051	ng	100
32) Benzoic acid	9.72	122	421240	39.058	ng	100
33) 4-Chloroaniline	10.49	127	911811	39.431	ng	99
34) Hexachlorobutadiene	10.67	225	414779	39.155	ng	99
35) Caprolactam	11.27	113	236160	42.211	ng	97
36) 4-Chloro-3-methylphenol	11.65	107	701691	40.683	ng	99
37) 2-Methylnaphthalene	12.00	142	1462359	38.402	ng	99
38) 1-Methylnaphthalene	12.22	142	1382199	38.375	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.38	216	751196	38.812	ng	99

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.36	237	340643	43.475 ng		99
43) 2,4,6-Trichlorophenol	12.63	196	521595	42.102 ng		98
44) 2,4,5-Trichlorophenol	12.71	196	591501	41.165 ng		98
46) 1,1'-Biphenyl	13.03	154	1756553	37.412 ng		100
47) 2-Chloronaphthalene	13.07	162	1446478	37.930 ng		99
48) 2-Nitroaniline	13.28	65	502070	42.592 ng		99
49) Acenaphthylene	13.92	152	2289049	38.076 ng		100
50) Dimethylphthalate	13.67	163	1840039	38.310 ng		99
51) 2,6-Dinitrotoluene	13.79	165	422742	41.113 ng		99
52) Acenaphthene	14.27	154	1344835	37.431 ng		98
53) 3-Nitroaniline	14.12	138	480461	41.763 ng		98
54) 2,4-Dinitrophenol	14.34	184	205706	42.138 ng		96
55) Dibenzofuran	14.61	168	2145423	37.232 ng		98
56) 4-Nitrophenol	14.46	139	353477	40.932 ng		99
57) 2,4-Dinitrotoluene	14.59	165	568820	42.005 ng		99
58) Fluorene	15.26	166	1517707	35.595 ng		100
59) 2,3,4,6-Tetrachlorophenol	14.85	232	462223	40.809 ng		99
60) Diethylphthalate	15.05	149	1793392	38.512 ng		99
61) 4-Chlorophenyl-phenylether	15.26	204	805497	35.555 ng		98
62) 4-Nitroaniline	15.29	138	492406	40.292 ng		98
63) Azobenzene	15.56	77	1836326	38.352 ng		100
65) 4,6-Dinitro-2-methylphenol	15.36	198	326196	40.968 ng		93
66) n-Nitrosodiphenylamine	15.48	169	1499484	37.300 ng		99
67) 4-Bromophenyl-phenylether	16.16	248	573307	38.675 ng		97
68) Hexachlorobenzene	16.27	284	597685	38.268 ng		97
69) Atrazine	16.45	200	452543	41.235 ng		100
70) Pentachlorophenol	16.63	266	290798	42.357 ng		98
71) Phenanthrene	17.00	178	2730266	37.055 ng		99
72) Anthracene	17.10	178	2747659	38.002 ng		99
73) Carbazole	17.37	167	2734255	38.536 ng		99
74) Di-n-butylphthalate	17.95	149	3084686	40.087 ng		99
75) Fluoranthene	18.99	202	3971968	46.523 ng		99
77) Benzidine	19.17	184	1620398	40.432 ng		100
78) Pyrene	19.35	202	4044723	36.232 ng		99
80) Butylbenzylphthalate	20.24	149	1642932	37.295 ng		93
81) Benzo(a)anthracene	21.06	228	3981133	38.038 ng		98
82) 3,3'-Dichlorobenzidine	20.99	252	1499852	43.270 ng		99
83) Chrysene	21.11	228	3706822	37.207 ng		97
84) Bis(2-ethylhexyl)phthalate	21.01	149	2163078	35.304 ng	#	97
85) Di-n-octyl phthalate	21.87	149	4038708	36.664 ng		97
87) Indeno(1,2,3-cd)pyrene	25.47	276	5457687	40.654 ng		95
88) Benzo(b)fluoranthene	22.61	252	4408638	38.225 ng		97
89) Benzo(k)fluoranthene	22.65	252	4339346	38.197 ng		98
90) Benzo(a)pyrene	23.17	252	4279386	39.155 ng		98
91) Dibenzo(a,h)anthracene	25.48	278	4368847	40.353 ng		97
92) Benzo(g,h,i)perylene	26.14	276	4564827	41.585 ng		96

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

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