Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP071420\
Data File : BP002748.D
Acq On : 14 Jul 2020 14:06
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSTDCCC040EC

Quant Time: Jul 14 14:45:58 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	296686	20.00	ng	0.00
21) Naphthalene-d8	10.32	136	1194154	20.00	ng	0.00
39) Acenaphthene-d10	14.20	164	740932	20.00	ng	0.00
64) Phenanthrene-d10	16.96	188	1545450	20.00	ng	0.00
76) Chrysene-d12	21.07	240	1177289	20.00	ng	0.00
86) Perylene-d12	23.26	264	1071586	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.18	112	1333091	75.81	ng	0.00
7) Phenol-d6	6.76	99	1984790	79.09	ng	0.00
23) Nitrobenzene-d5	8.70	82	1815943	81.33	ng	0.00
42) 2,4,6-Tribromophenol	15.71	330	592588	76.62	ng	0.00
45) 2-Fluorobiphenyl	12.82	172	3204446	66.91	ng	0.00
79) Terphenyl-d14	19.56	244	3962105	77.16	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.13	88	296974	38.736	ng	100
3) Pyridine	3.50	79	931792m	40.783	ng	
4) n-Nitrosodimethylamine	3.43	42	369686	42.952	ng	98
6) Aniline	6.89	93	1319913	41.545	ng	99
8) 2-Chlorophenol	7.13	128	756976	38.691	ng	98
9) Benzaldehyde	6.70	77	536699	39.362	ng	98
10) Phenol	6.79	94	1046709	40.715	ng	99
11) bis(2-Chloroethyl)ether	6.99	93	862022	40.314	ng	98
12) 1,3-Dichlorobenzene	7.45	146	846304	37.724	ng	99
13) 1,4-Dichlorobenzene	7.59	146	847877	37.659	ng	100
14) 1,2-Dichlorobenzene	7.90	146	800521	36.871	ng	98
15) Benzyl Alcohol	7.80	79	750691	44.700	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.09	45	1231708	40.052	ng	100
17) 2-Methylphenol	8.02	107	744355	40.641	ng	98
18) Hexachloroethane	8.62	117	317774	39.849	ng	98
19) n-Nitroso-di-n-propylamine	8.36	70	622917	40.759	ng	100
20) 3+4-Methylphenols	8.35	107	989928	40.876	ng	96
22) Acetophenone	8.38	105	1116156	37.914	ng	99
24) Nitrobenzene	8.75	77	992641	41.051	ng	100
25) Isophorone	9.27	82	1958690	43.043	ng	99
26) 2-Nitrophenol	9.45	139	451424	43.223	ng	97
27) 2,4-Dimethylphenol	9.53	122	697594	41.142	ng	100
28) bis(2-Chloroethoxy)methane	9.76	93	1136432	41.115	ng	99
29) 2,4-Dichlorophenol	9.99	162	769179	41.146	ng	98
30) 1,2,4-Trichlorobenzene	10.20	180	813408	37.988	ng	99
31) Naphthalene	10.37	128	2342131	37.150	ng	99
32) Benzoic acid	9.75	122	530961	41.583	ng	98
33) 4-Chloroaniline	10.49	127	1093150	40.464	ng	99
34) Hexachlorobutadiene	10.67	225	469678	37.951	ng	99
35) Caprolactam	11.29	113	286886	43.892	ng	98
36) 4-Chloro-3-methylphenol	11.65	107	850673	42.216	ng	99
37) 2-Methylnaphthalene	12.00	142	1719138	38.642	ng	98
38) 1-Methylnaphthalene	12.22	142	1604414	38.128	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.38	216	855634	37.576	ng	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.36	237	426484	45.788 ng	100
43) 2,4,6-Trichlorophenol	12.63	196	605902	41.571 ng	99
44) 2,4,5-Trichlorophenol	12.71	196	696242	41.185 ng	99
46) 1,1'-Biphenyl	13.03	154	2006226	36.320 ng	100
47) 2-Chloronaphthalene	13.07	162	1628832	36.305 ng	98
48) 2-Nitroaniline	13.28	65	613081	44.207 ng	96
49) Acenaphthylene	13.92	152	2613980	36.958 ng	100
50) Dimethylphthalate	13.68	163	2140794	37.886 ng	99
51) 2,6-Dinitrotoluene	13.79	165	493506	40.795 ng	97
52) Acenaphthene	14.27	154	1532174	36.248 ng	99
53) 3-Nitroaniline	14.12	138	562845	41.585 ng	95
54) 2,4-Dinitrophenol	14.34	184	264229	44.963 ng	97
55) Dibenzofuran	14.61	168	2369964	34.959 ng	97
56) 4-Nitrophenol	14.46	139	406405	40.114 ng	95
57) 2,4-Dinitrotoluene	14.59	165	644521	40.455 ng	94
58) Fluorene	15.26	166	1638207	32.658 ng	100
59) 2,3,4,6-Tetrachlorophenol	14.85	232	544680	40.875 ng	98
60) Diethylphthalate	15.06	149	2056406	37.535 ng	100
61) 4-Chlorophenyl-phenylether	15.26	204	884765	33.195 ng	94
62) 4-Nitroaniline	15.30	138	555105	38.668 ng	95
63) Azobenzene	15.56	77	2223487	39.471 ng	98
65) 4,6-Dinitro-2-methylphenol	15.36	198	381327	42.017 ng	99
66) n-Nitrosodiphenylamine	15.49	169	1672474	36.634 ng	100
67) 4-Bromophenyl-phenylether	16.16	248	663025	39.385 ng	97
68) Hexachlorobenzene	16.28	284	680610	38.372 ng	96
69) Atrazine	16.45	200	514886	41.312 ng	99
70) Pentachlorophenol	16.63	266	362082	45.723 ng	99
71) Phenanthrene	17.01	178	2969710	35.490 ng	98
72) Anthracene	17.10	178	2960006	36.049 ng	99
73) Carbazole	17.37	167	2932006	36.388 ng	98
74) Di-n-butylphthalate	17.95	149	3464190	39.641 ng	99
75) Fluoranthene	18.99	202	3546102	36.574 ng	98
77) Benzidine	19.17	184	896891	30.735 ng	99
78) Pyrene	19.35	202	3554131	43.725 ng	100
80) Butylbenzylphthalate	20.24	149	1511092	47.110 ng	96
81) Benzo(a)anthracene	21.06	228	2971544	38.992 ng	99
82) 3,3'-Dichlorobenzidine	21.00	252	1021593	40.477 ng	99
83) Chrysene	21.11	228	2740388	37.776 ng	97
84) Bis(2-ethylhexyl)phthalate	21.01	149	1899696	42.582 ng	100
85) Di-n-octyl phthalate	21.87	149	3376167	42.093 ng	100
87) Indeno(1,2,3-cd)pyrene	25.47	276	2914919	37.636 ng	100
88) Benzo(b)fluoranthene	22.61	252	3008742	45.217 ng	99
89) Benzo(k)fluoranthene	22.66	252	2602112	39.702 ng	98
90) Benzo(a)pyrene	23.17	252	2618878	41.534 ng	99
91) Dibenzo(a,h)anthracene	25.47	278	2374616	38.017 ng	98
92) Benzo(g,h,i)perylene	26.13	276	2360088	37.267 ng	99

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

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