Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP061920\
Data File : BP002458.D
Acq On : 19 Jun 2020 14:47
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSTDCCC040

Quant Time: Jun 19 15:51:38 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP060520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 05 15:08:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	234198	20.00	ng		0.00
21) Naphthalene-d8	10.36	136	886233	20.00	ng		0.00
39) Acenaphthene-d10	14.23	164	482676	20.00	ng		0.00
64) Phenanthrene-d10	16.99	188	941050	20.00	ng		0.00
76) Chrysene-d12	21.10	240	762139	20.00	ng		-0.01
86) Perylene-d12	23.29	264	849181	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.20	112	1030865	81.45	ng		0.00
7) Phenol-d6	6.78	99	1301386	77.23	ng		0.00
23) Nitrobenzene-d5	8.73	82	1241579	83.66	ng		0.00
42) 2,4,6-Tribromophenol	15.73	330	343594	74.35	ng		0.00
45) 2-Fluorobiphenyl	12.85	172	2286331	79.65	ng		0.00
79) Terphenyl-d14	19.58	244	2665422	92.27	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.16	88	258959	44.418	ng		100
3) Pyridine	3.53	79	680221	42.928	ng		96
4) n-Nitrosodimethylamine	3.46	42	275482	42.187	ng		100
6) Aniline	6.92	93	882568	38.512	ng		99
8) 2-Chlorophenol	7.16	128	549897	38.641	ng		99
9) Benzaldehyde	6.73	77	362099	40.899	ng		98
10) Phenol	6.80	94	710247	38.862	ng		99
11) bis(2-Chloroethyl)ether	7.02	93	594962	38.991	ng		100
12) 1,3-Dichlorobenzene	7.48	146	640274	39.072	ng		98
13) 1,4-Dichlorobenzene	7.62	146	643918	39.056	ng		99
14) 1,2-Dichlorobenzene	7.93	146	604679	38.287	ng		99
15) Benzyl Alcohol	7.83	79	495157	37.912	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.12	45	828211	38.254	ng		99
17) 2-Methylphenol	8.03	107	501286	37.537	ng		96
18) Hexachloroethane	8.66	117	241849	40.266	ng		96
19) n-Nitroso-di-n-propylamine	8.39	70	415828	36.918	ng		99
20) 3+4-Methylphenols	8.36	107	670922	37.225	ng		97
22) Acetophenone	8.40	105	807209	40.542	ng	#	98
24) Nitrobenzene	8.78	77	664672	41.666	ng		98
25) Isophorone	9.30	82	1183057	39.143	ng		100
26) 2-Nitrophenol	9.48	139	288658	40.608	ng		97
27) 2,4-Dimethylphenol	9.56	122	439477	39.409	ng		100
28) bis(2-Chloroethoxy)methane	9.79	93	718905	39.933	ng		100
29) 2,4-Dichlorophenol	10.02	162	491053	39.118	ng		98
30) 1,2,4-Trichlorobenzene	10.23	180	560470	40.054	ng		99
31) Naphthalene	10.41	128	1628726	39.559	ng		100
32) Benzoic acid	9.71	122	293988	33.513	ng		93
33) 4-Chloroaniline	10.52	127	693361	38.576	ng		99
34) Hexachlorobutadiene	10.71	225	332761	40.752	ng		98
35) Caprolactam	11.29	113	152593	34.465	ng		97
36) 4-Chloro-3-methylphenol	11.66	107	507944	37.397	ng		98
37) 2-Methylnaphthalene	12.03	142	1111058	38.020	ng		98
38) 1-Methylnaphthalene	12.25	142	1042444	38.005	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.41	216	533288	41.913	ng		99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 05 15:08:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.40	237	303502	44.868 ng	100
43) 2,4,6-Trichlorophenol	12.65	196	362915	40.303 ng	99
44) 2,4,5-Trichlorophenol	12.73	196	418215	40.109 ng	99
46) 1,1'-Biphenyl	13.06	154	1303470	41.205 ng	97
47) 2-Chloronaphthalene	13.10	162	1060478	40.983 ng	99
48) 2-Nitroaniline	13.30	65	344812	41.743 ng	94
49) Acenaphthylene	13.95	152	1640589	39.724 ng	99
50) Dimethylphthalate	13.70	163	1253781	37.910 ng	99
51) 2,6-Dinitrotoluene	13.81	165	277781	38.675 ng	95
52) Acenaphthene	14.30	154	957625	39.581 ng	99
53) 3-Nitroaniline	14.14	138	310699	37.884 ng	99
54) 2,4-Dinitrophenol	14.35	184	143609	35.523 ng	94
55) Dibenzofuran	14.64	168	1519865	39.018 ng	99
56) 4-Nitrophenol	14.46	139	231245	35.512 ng	97
57) 2,4-Dinitrotoluene	14.60	165	365179	37.352 ng	96
58) Fluorene	15.29	166	1095068	35.741 ng	100
59) 2,3,4,6-Tetrachlorophenol	14.87	232	309514	37.394 ng	100
60) Diethylphthalate	15.08	149	1214158	36.639 ng	98
61) 4-Chlorophenyl-phenylether	15.29	204	579352	37.333 ng	98
62) 4-Nitroaniline	15.31	138	287724	36.512 ng	97
63) Azobenzene	15.59	77	1304802	39.556 ng	98
65) 4,6-Dinitro-2-methylphenol	15.37	198	198972	40.068 ng	94
66) n-Nitrosodiphenylamine	15.51	169	1012116	42.102 ng	99
67) 4-Bromophenyl-phenylether	16.19	248	375176	42.085 ng	97
68) Hexachlorobenzene	16.30	284	384672	40.664 ng	98
69) Atrazine	16.47	200	289075	36.861 ng	98
70) Pentachlorophenol	16.65	266	221791	39.189 ng	99
71) Phenanthrene	17.03	178	1776810	40.363 ng	100
72) Anthracene	17.12	178	1766537	40.397 ng	99
73) Carbazole	17.40	167	1676240	38.965 ng	99
74) Di-n-butylphthalate	17.98	149	1964881	38.596 ng	100
75) Fluoranthene	19.02	202	1944153	36.999 ng	99
77) Benzidine	19.20	184	540682	31.749 ng	99
78) Pyrene	19.37	202	2014290	43.148 ng	99
80) Butylbenzylphthalate	20.26	149	831825	40.084 ng	97
81) Benzo(a)anthracene	21.08	228	1745244	40.118 ng	99
82) 3,3'-Dichlorobenzidine	21.02	252	619659	38.328 ng	98
83) Chrysene	21.13	228	1689346	40.988 ng	99
84) Bis(2-ethylhexyl)phthalate	21.04	149	1209344	40.062 ng	99
85) Di-n-octyl phthalate	21.90	149	2066991	39.039 ng	99
87) Indeno(1,2,3-cd)pyrene	25.50	276	2252534	42.410 ng	99
88) Benzo(b)fluoranthene	22.64	252	1807642	39.473 ng	99
89) Benzo(k)fluoranthene	22.68	252	1780571	40.922 ng	99
90) Benzo(a)pyrene	23.20	252	1744874	40.659 ng	99
91) Dibenzo(a,h)anthracene	25.52	278	1817806	42.666 ng	99
92) Benzo(g,h,i)perylene	26.18	276	1851411	41.957 ng	97

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

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