Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP061720\
Data File : BP002419.D
Acq On : 17 Jun 2020 15:10
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSTDCCC040

Quant Time: Jun 17 16:33:25 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	155001	20.00	ng		0.00
21) Naphthalene-d8	10.36	136	650888	20.00	ng		0.00
39) Acenaphthene-d10	14.23	164	396291	20.00	ng		0.00
64) Phenanthrene-d10	16.99	188	839626	20.00	ng		0.00
76) Chrysene-d12	21.10	240	800595	20.00	ng		-0.01
86) Perylene-d12	23.29	264	874726	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.20	112	670202	80.01	ng		0.00
7) Phenol-d6	6.78	99	929047	83.30	ng		0.00
23) Nitrobenzene-d5	8.73	82	903103	82.86	ng		0.00
42) 2,4,6-Tribromophenol	15.73	330	304922	80.37	ng		0.00
45) 2-Fluorobiphenyl	12.85	172	1879165	79.73	ng		0.00
79) Terphenyl-d14	19.58	244	2692460	87.14	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.16	88	164007	42.505	ng		99
3) Pyridine	3.54	79	460427	43.903	ng		99
4) n-Nitrosodimethylamine	3.46	42	174518	40.381	ng		99
6) Aniline	6.92	93	637046	42.001	ng		100
8) 2-Chlorophenol	7.16	128	381529	40.508	ng		97
9) Benzaldehyde	6.73	77	235813	39.975	ng		98
10) Phenol	6.80	94	505405	41.784	ng		99
11) bis(2-Chloroethyl)ether	7.02	93	420495	41.638	ng		97
12) 1,3-Dichlorobenzene	7.48	146	428464	39.506	ng		98
13) 1,4-Dichlorobenzene	7.62	146	435590	39.919	ng		98
14) 1,2-Dichlorobenzene	7.94	146	416683	39.864	ng		99
15) Benzyl Alcohol	7.83	79	355019	41.071	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.13	45	600794	41.928	ng		100
17) 2-Methylphenol	8.03	107	364787	41.272	ng		99
18) Hexachloroethane	8.66	117	160523	40.381	ng		96
19) n-Nitroso-di-n-propylamine	8.39	70	319098	42.806	ng		99
20) 3+4-Methylphenols	8.36	107	494769	41.478	ng		99
22) Acetophenone	8.40	105	610432	41.744	ng	#	98
24) Nitrobenzene	8.78	77	486631	41.536	ng		98
25) Isophorone	9.30	82	917892	41.350	ng		99
26) 2-Nitrophenol	9.48	139	204650	39.200	ng		97
27) 2,4-Dimethylphenol	9.56	122	331331	40.455	ng		99
28) bis(2-Chloroethoxy)methane	9.79	93	551112	41.681	ng		99
29) 2,4-Dichlorophenol	10.02	162	363478	39.425	ng		100
30) 1,2,4-Trichlorobenzene	10.23	180	404922	39.401	ng		98
31) Naphthalene	10.41	128	1217775	40.272	ng		100
32) Benzoic acid	9.69	122	224597	34.675	ng		96
33) 4-Chloroaniline	10.52	127	536214	40.619	ng		99
34) Hexachlorobutadiene	10.71	225	235989	39.350	ng		97
35) Caprolactam	11.27	113	126543	38.916	ng		93
36) 4-Chloro-3-methylphenol	11.66	107	395419	39.639	ng		98
37) 2-Methylnaphthalene	12.03	142	862234	40.173	ng		98
38) 1-Methylnaphthalene	12.25	142	822650	40.836	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.41	216	417344	39.951	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.40	237	218637	39.367 ng	99
43) 2,4,6-Trichlorophenol	12.65	196	286760	38.788 ng	97
44) 2,4,5-Trichlorophenol	12.73	196	332237	38.809 ng	100
46) 1,1'-Biphenyl	13.06	154	1049601	40.412 ng	99
47) 2-Chloronaphthalene	13.10	162	855489	40.268 ng	99
48) 2-Nitroaniline	13.30	65	280246	41.322 ng	98
49) Acenaphthylene	13.95	152	1367943	40.342 ng	100
50) Dimethylphthalate	13.70	163	1079250	39.746 ng	100
51) 2,6-Dinitrotoluene	13.81	165	234335	39.738 ng	95
52) Acenaphthene	14.30	154	808111	40.682 ng	99
53) 3-Nitroaniline	14.14	138	268388	39.858 ng	100
54) 2,4-Dinitrophenol	14.35	184	116291	35.074 ng	99
55) Dibenzofuran	14.64	168	1288759	40.297 ng	100
56) 4-Nitrophenol	14.46	139	203638	38.089 ng	94
57) 2,4-Dinitrotoluene	14.60	165	318192	39.641 ng	96
58) Fluorene	15.29	166	966004	38.402 ng	98
59) 2,3,4,6-Tetrachlorophenol	14.87	232	267033	39.294 ng	99
60) Diethylphthalate	15.08	149	1071787	39.393 ng	99
61) 4-Chlorophenyl-phenylether	15.29	204	507444	40.535 ng	98
62) 4-Nitroaniline	15.31	138	257991	39.875 ng	97
63) Azobenzene	15.59	77	1133413	41.850 ng	98
65) 4,6-Dinitro-2-methylphenol	15.37	198	171988	38.818 ng	94
66) n-Nitrosodiphenylamine	15.51	169	897846	41.860 ng	99
67) 4-Bromophenyl-phenylether	16.19	248	324141	40.753 ng	98
68) Hexachlorobenzene	16.30	284	343132	40.655 ng	97
69) Atrazine	16.47	200	266567	38.097 ng	97
70) Pentachlorophenol	16.65	266	197165	39.046 ng	99
71) Phenanthrene	17.03	178	1626331	41.408 ng	99
72) Anthracene	17.13	178	1620795	41.541 ng	99
73) Carbazole	17.40	167	1569189	40.883 ng	100
74) Di-n-butylphthalate	17.98	149	1836641	40.435 ng	100
75) Fluoranthene	19.02	202	1900412	40.536 ng	99
77) Benzidine	19.20	184	956925	53.491 ng	99
78) Pyrene	19.37	202	1977825	40.332 ng	99
80) Butylbenzylphthalate	20.27	149	827177	37.945 ng	99
81) Benzo(a)anthracene	21.08	228	1842544	40.320 ng	99
82) 3,3'-Dichlorobenzidine	21.02	252	670062	39.455 ng	99
83) Chrysene	21.13	228	1775018	40.998 ng	99
84) Bis(2-ethylhexyl)phthalate	21.04	149	1236051	38.980 ng	100
85) Di-n-octyl phthalate	21.90	149	2100171	37.761 ng	99
87) Indeno(1,2,3-cd)pyrene	25.51	276	2174201	39.739 ng	99
88) Benzo(b)fluoranthene	22.64	252	1957786	41.504 ng	98
89) Benzo(k)fluoranthene	22.69	252	1813888	40.471 ng	99
90) Benzo(a)pyrene	23.20	252	1784089	40.359 ng	99
91) Dibenzo(a,h)anthracene	25.52	278	1786929	40.717 ng	99
92) Benzo(g,h,i)perylene	26.18	276	1774949	39.050 ng	99

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

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