Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP063020\
Data File : BP002572.D
Acq On : 30 Jun 2020 13:20
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSTDCCC040

Quant Time: Jun 30 17:14:37 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	7.58	152	102244	20.00	ng	0.00
21) Naphthalene-d8	10.35	136	418144	20.00	ng	0.00
39) Acenaphthene-d10	14.23	164	261610	20.00	ng	0.00
64) Phenanthrene-d10	16.99	188	564600	20.00	ng	0.00
76) Chrysene-d12	21.09	240	543375	20.00	ng	0.00
86) Perylene-d12	23.29	264	563688	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	482431	79.89	ng	0.00
7) Phenol-d6	6.77	99	684826	81.25	ng	0.00
23) Nitrobenzene-d5	8.72	82	658885	81.19	ng	0.00
42) 2,4,6-Tribromophenol	15.73	330	249629	78.45	ng	0.00
45) 2-Fluorobiphenyl	12.84	172	1394296	78.44	ng	0.00
79) Terphenyl-d14	19.57	244	1953575	77.60	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.15	88	110909	42.852	ng	99
3) Pyridine	3.52	79	330643	43.103	ng	99
4) n-Nitrosodimethylamine	3.45	42	140311	43.091	ng	98
6) Aniline	6.90	93	433270	40.919	ng	99
8) 2-Chlorophenol	7.15	128	266899	39.788	ng	98
9) Benzaldehyde	6.72	77	173476	39.298	ng	99
10) Phenol	6.79	94	347639	40.900	ng	100
11) bis(2-Chloroethyl)ether	7.01	93	277725	39.810	ng	99
12) 1,3-Dichlorobenzene	7.46	146	296133	38.257	ng	97
13) 1,4-Dichlorobenzene	7.61	146	300433	38.097	ng	99
14) 1,2-Dichlorobenzene	7.92	146	298213	39.286	ng	98
15) Benzyl Alcohol	7.82	79	263693	41.636	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.10	45	397805	40.927	ng	99
17) 2-Methylphenol	8.03	107	259400	40.773	ng	99
18) Hexachloroethane	8.64	117	112372	39.482	ng	98
19) n-Nitroso-di-n-propylamine	8.38	70	227701	41.175	ng	98
20) 3+4-Methylphenols	8.36	107	352160	41.057	ng	99
22) Acetophenone	8.39	105	422143	39.887	ng	99
24) Nitrobenzene	8.76	77	346146	40.297	ng	98
25) Isophorone	9.29	82	653552	40.181	ng	99
26) 2-Nitrophenol	9.47	139	152967	39.047	ng	94
27) 2,4-Dimethylphenol	9.55	122	235334	39.644	ng	99
28) bis(2-Chloroethoxy)methane	9.78	93	376786	40.327	ng	99
29) 2,4-Dichlorophenol	10.01	162	270021	39.469	ng	100
30) 1,2,4-Trichlorobenzene	10.22	180	297491	38.625	ng	99
31) Naphthalene	10.40	128	865839	39.115	ng	99
32) Benzoic acid	9.71	122	159128	36.644	ng	96
33) 4-Chloroaniline	10.51	127	386937	39.963	ng	99
34) Hexachlorobutadiene	10.70	225	179875	38.155	ng	96
35) Caprolactam	11.27	113	93233	40.541	ng	99
36) 4-Chloro-3-methylphenol	11.66	107	293257	39.110	ng	99
37) 2-Methylnaphthalene	12.02	142	624185	38.674	ng	98
38) 1-Methylnaphthalene	12.24	142	583030	38.356	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.40	216	320918	39.286	ng	100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.39	237	150019	37.636 ng	96
43) 2,4,6-Trichlorophenol	12.65	196	217860	39.416 ng	95
44) 2,4,5-Trichlorophenol	12.72	196	256810	40.361 ng	97
46) 1,1'-Biphenyl	13.05	154	769855	38.903 ng	98
47) 2-Chloronaphthalene	13.09	162	627330	38.944 ng	98
48) 2-Nitroaniline	13.30	65	213506	41.546 ng	98
49) Acenaphthylene	13.94	152	1003129	39.568 ng	99
50) Dimethylphthalate	13.69	163	797343	38.805 ng	100
51) 2,6-Dinitrotoluene	13.80	165	177556	40.011 ng	97
52) Acenaphthene	14.29	154	577522	38.611 ng	96
53) 3-Nitroaniline	14.13	138	197124	40.796 ng	97
54) 2,4-Dinitrophenol	14.35	184	94360	37.557 ng	98
55) Dibenzofuran	14.63	168	944620	38.970 ng	98
56) 4-Nitrophenol	14.47	139	143490	38.909 ng	98
57) 2,4-Dinitrotoluene	14.60	165	238951	40.028 ng	97
58) Fluorene	15.28	166	708345	38.370 ng	100
59) 2,3,4,6-Tetrachlorophenol	14.87	232	197209	38.368 ng	97
60) Diethylphthalate	15.07	149	792060	38.766 ng	99
61) 4-Chlorophenyl-phenylether	15.29	204	383658	38.753 ng	98
62) 4-Nitroaniline	15.30	138	195823	40.548 ng	98
63) Azobenzene	15.58	77	808181	40.908 ng	99
65) 4,6-Dinitro-2-methylphenol	15.37	198	141143	39.357 ng	98
66) n-Nitrosodiphenylamine	15.50	169	657229	39.876 ng	98
67) 4-Bromophenyl-phenylether	16.18	248	251838	39.693 ng	97
68) Hexachlorobenzene	16.30	284	262435	38.610 ng	96
69) Atrazine	16.46	200	212143	40.113 ng	100
70) Pentachlorophenol	16.65	266	146525	39.127 ng	99
71) Phenanthrene	17.03	178	1198852	39.465 ng	100
72) Anthracene	17.12	178	1199307	39.674 ng	99
73) Carbazole	17.39	167	1157485	39.620 ng	100
74) Di-n-butylphthalate	17.97	149	1368006	39.761 ng	100
75) Fluoranthene	19.01	202	1425828	38.776 ng	98
77) Benzidine	19.20	184	590997	35.595 ng	99
78) Pyrene	19.36	202	1479720	40.008 ng	99
80) Butylbenzylphthalate	20.26	149	631129	39.087 ng	95
81) Benzo(a)anthracene	21.08	228	1386503	39.030 ng	99
82) 3,3'-Dichlorobenzidine	21.02	252	509272	39.158 ng	96
83) Chrysene	21.13	228	1321047	38.781 ng	99
84) Bis(2-ethylhexyl)phthalate	21.03	149	916082	39.510 ng	99
85) Di-n-octyl phthalate	21.89	149	1587513	38.765 ng	99
87) Indeno(1,2,3-cd)pyrene	25.50	276	1647170	40.584 ng	99
88) Benzo(b)fluoranthene	22.63	252	1481917	41.200 ng	99
89) Benzo(k)fluoranthene	22.68	252	1362773	40.613 ng	99
90) Benzo(a)pyrene	23.20	252	1328163	40.239 ng	99
91) Dibenzo(a,h)anthracene	25.52	278	1334130	40.227 ng	100
92) Benzo(g,h,i)perylene	26.17	276	1333090	40.192 ng	99

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

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