Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP060520\
Data File : BP002371.D
Acq On : 05 Jun 2020 11:34
Operator : CG/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSTDICCC040

Quant Time: Jun 05 12:46:41 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 12:39:56 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	244072	20.00	ng	0.00
21) Naphthalene-d8	10.36	136	1045250	20.00	ng	0.00
39) Acenaphthene-d10	14.24	164	645585	20.00	ng	0.00
64) Phenanthrene-d10	17.00	188	1453639	20.00	ng	0.00
76) Chrysene-d12	21.11	240	1309439	20.00	ng	0.00
86) Perylene-d12	23.30	264	1524986	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	1095601	84.37	ng	0.00
7) Phenol-d6	6.78	99	1477716	84.73	ng	0.00
23) Nitrobenzene-d5	8.74	82	1435046	82.97	ng	0.00
42) 2,4,6-Tribromophenol	15.74	330	513951	71.41	ng	0.00
45) 2-Fluorobiphenyl	12.86	172	2955286	80.12	ng	0.00
79) Terphenyl-d14	19.59	244	4107949	78.85	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.16	88	247739	42.556	ng	100
3) Pyridine	3.55	79	663224	38.455	ng	100
4) n-Nitrosodimethylamine	3.46	42	287185	44.268	ng	100
6) Aniline	6.93	93	1010847	42.541	ng	100
8) 2-Chlorophenol	7.16	128	628003	42.436	ng	100
9) Benzaldehyde	6.74	77	393634	45.736	ng	100
10) Phenol	6.81	94	801952	42.472	ng	100
11) bis(2-Chloroethyl)ether	7.03	93	666770	42.354	ng	100
12) 1,3-Dichlorobenzene	7.49	146	708046	41.761	ng	100
13) 1,4-Dichlorobenzene	7.63	146	718941	42.126	ng	100
14) 1,2-Dichlorobenzene	7.94	146	688603	41.855	ng	100
15) Benzyl Alcohol	7.83	79	584969	43.408	ng	100
16) 2,2'-oxybis(1-Chloropropan	8.13	45	941143	42.748	ng	100
17) 2-Methylphenol	8.05	107	590220	42.577	ng	100
18) Hexachloroethane	8.66	117	259327	41.981	ng	100
19) n-Nitroso-di-n-propylamine	8.40	70	497209	42.594	ng	100
20) 3+4-Methylphenols	8.37	107	802915	42.633	ng	100
22) Acetophenone	8.41	105	958139	41.113	ng	100
24) Nitrobenzene	8.78	77	770425	41.641	ng	100
25) Isophorone	9.30	82	1475819	41.318	ng	100
26) 2-Nitrophenol	9.49	139	351791	40.936	ng	100
27) 2,4-Dimethylphenol	9.56	122	542998	40.779	ng	100
28) bis(2-Chloroethoxy)methane	9.79	93	867368	41.062	ng	100
29) 2,4-Dichlorophenol	10.02	162	609176	40.457	ng	100
30) 1,2,4-Trichlorobenzene	10.23	180	673731	40.062	ng	100
31) Naphthalene	10.42	128	1964443	40.462	ng	100
32) Benzoic acid	9.72	122	461471	46.078	ng	100
33) 4-Chloroaniline	10.53	127	884367	41.075	ng	100
34) Hexachlorobutadiene	10.72	225	386865	38.465	ng	100
35) Caprolactam	11.30	113	227094	42.626	ng	100
36) 4-Chloro-3-methylphenol	11.67	107	673610	41.674	ng	100
37) 2-Methylnaphthalene	12.04	142	1409154	40.439	ng	100
38) 1-Methylnaphthalene	12.26	142	1324056	40.257	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.42	216	688907	39.482	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.40	237	377698	41.033	ng	100
43) 2,4,6-Trichlorophenol	12.66	196	501334	40.610	ng	100
44) 2,4,5-Trichlorophenol	12.73	196	582809	41.059	ng	100
46) 1,1'-Biphenyl	13.07	154	1716299	41.042	ng	100
47) 2-Chloronaphthalene	13.10	162	1395672	40.427	ng	100
48) 2-Nitroaniline	13.31	65	471846	43.837	ng	100
49) Acenaphthylene	13.96	152	2276809	41.623	ng	100
50) Dimethylphthalate	13.71	163	1823541	41.573	ng	100
51) 2,6-Dinitrotoluene	13.82	165	407103	42.167	ng	100
52) Acenaphthene	14.31	154	1309695	40.638	ng	100
53) 3-Nitroaniline	14.15	138	469130	43.084	ng	100
54) 2,4-Dinitrophenol	14.36	184	233956	44.107	ng	100
55) Dibenzofuran	14.65	168	2144081	41.256	ng	100
56) 4-Nitrophenol	14.47	139	383097	44.334	ng	100
57) 2,4-Dinitrotoluene	14.62	165	568085	43.307	ng	100
58) Fluorene	15.30	166	1519705	38.583	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.88	232	468471	40.779	ng	100
60) Diethylphthalate	15.09	149	1841341	42.483	ng	100
61) 4-Chlorophenyl-phenylether	15.30	204	791072	37.545	ng	100
62) 4-Nitroaniline	15.32	138	450257	43.279	ng	100
63) Azobenzene	15.60	77	1801779	42.608	ng	100
65) 4,6-Dinitro-2-methylphenol	15.39	198	329576	42.032	ng	100
66) n-Nitrosodiphenylamine	15.52	169	1486146	39.809	ng	100
67) 4-Bromophenyl-phenylether	16.20	248	561660	38.479	ng	100
68) Hexachlorobenzene	16.32	284	588669	37.642	ng	100
69) Atrazine	16.48	200	506428	42.434	ng	100
70) Pentachlorophenol	16.66	266	380130	41.425	ng	100
71) Phenanthrene	17.04	178	2733327	40.173	ng	100
72) Anthracene	17.13	178	2703602	39.944	ng	100
73) Carbazole	17.40	167	2704610	41.141	ng	100
74) Di-n-butylphthalate	17.99	149	3214725	41.920	ng	100
75) Fluoranthene	19.03	202	3322871	40.926	ng	100
77) Benzidine	19.20	184	1306805	47.463	ng	100
78) Pyrene	19.37	202	3359357	41.945	ng	100
80) Butylbenzylphthalate	20.27	149	1530583	44.596	ng	100
81) Benzo(a)anthracene	21.09	228	3083768	41.567	ng	100
82) 3,3'-Dichlorobenzidine	21.03	252	1215609	43.965	ng	100
83) Chrysene	21.14	228	2910533	41.362	ng	100
84) Bis(2-ethylhexyl)phthalate	21.04	149	2176883	44.933	ng	100
85) Di-n-octyl phthalate	21.92	149	3840785	45.409	ng	100
87) Indeno(1,2,3-cd)pyrene	25.53	276	3899325	40.887	ng	100
88) Benzo(b)fluoranthene	22.65	252	3487159	42.451	ng	100
89) Benzo(k)fluoranthene	22.70	252	3085580	39.823	ng	100
90) Benzo(a)pyrene	23.22	252	3175870	41.445	ng	100
91) Dibenzo(a,h)anthracene	25.54	278	3137113	40.725	ng	100
92) Benzo(g,h,i)perylene	26.20	276	3268518	41.323	ng	100

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

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