Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP061620\
Data File : BP002417.D
Acq On : 16 Jun 2020 16:33
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSTDCCC040EC

Quant Time: Jun 16 17:13:50 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	156167	20.00	ng	0.00
21) Naphthalene-d8	10.36	136	646603	20.00	ng	0.00
39) Acenaphthene-d10	14.24	164	384833	20.00	ng	0.00
64) Phenanthrene-d10	17.00	188	820681	20.00	ng	0.00
76) Chrysene-d12	21.10	240	788513	20.00	ng	0.00
86) Perylene-d12	23.30	264	864390	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	679111	80.47	ng	0.00
7) Phenol-d6	6.78	99	928331	82.62	ng	0.00
23) Nitrobenzene-d5	8.73	82	902319	83.34	ng	0.00
42) 2,4,6-Tribromophenol	15.74	330	298592	81.04	ng	0.00
45) 2-Fluorobiphenyl	12.86	172	1845085	80.62	ng	0.00
79) Terphenyl-d14	19.59	244	2616215	85.42	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.16	88	164144	42.223	ng	99
3) Pyridine	3.54	79	466783	44.177	ng	97
4) n-Nitrosodimethylamine	3.46	42	179455	41.213	ng	99
6) Aniline	6.92	93	631509	41.325	ng	99
8) 2-Chlorophenol	7.16	128	381163	40.167	ng	100
9) Benzaldehyde	6.73	77	241170	40.831	ng	97
10) Phenol	6.80	94	504491	41.397	ng	99
11) bis(2-Chloroethyl)ether	7.03	93	416034	40.889	ng	100
12) 1,3-Dichlorobenzene	7.48	146	427290	39.104	ng	97
13) 1,4-Dichlorobenzene	7.63	146	432056	39.300	ng	98
14) 1,2-Dichlorobenzene	7.94	146	417826	39.675	ng	99
15) Benzyl Alcohol	7.83	79	351116	40.316	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.13	45	600806	41.616	ng	100
17) 2-Methylphenol	8.04	107	362260	40.681	ng	99
18) Hexachloroethane	8.66	117	157872	39.418	ng	99
19) n-Nitroso-di-n-propylamine	8.40	70	313663	41.762	ng	99
20) 3+4-Methylphenols	8.37	107	490564	40.819	ng	94
22) Acetophenone	8.40	105	610331	42.014	ng	98
24) Nitrobenzene	8.77	77	481767	41.393	ng	97
25) Isophorone	9.30	82	903187	40.957	ng	99
26) 2-Nitrophenol	9.49	139	202930	39.128	ng	98
27) 2,4-Dimethylphenol	9.56	122	326638	40.146	ng	99
28) bis(2-Chloroethoxy)methane	9.79	93	546148	41.580	ng	100
29) 2,4-Dichlorophenol	10.02	162	358118	39.101	ng	100
30) 1,2,4-Trichlorobenzene	10.23	180	401328	39.310	ng	100
31) Naphthalene	10.42	128	1210021	40.281	ng	100
32) Benzoic acid	9.70	122	217887	33.970	ng	98
33) 4-Chloroaniline	10.52	127	528186	40.276	ng	98
34) Hexachlorobutadiene	10.72	225	230857	38.750	ng	96
35) Caprolactam	11.28	113	126291	39.096	ng	93
36) 4-Chloro-3-methylphenol	11.67	107	391655	39.522	ng	96
37) 2-Methylnaphthalene	12.04	142	852559	39.986	ng	96
38) 1-Methylnaphthalene	12.26	142	804720	40.211	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.42	216	418464	41.251	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.40	237	217020	40.240	ng	99
43) 2,4,6-Trichlorophenol	12.66	196	281083	39.152	ng	99
44) 2,4,5-Trichlorophenol	12.73	196	332885	40.042	ng	98
46) 1,1'-Biphenyl	13.07	154	1028673	40.786	ng	99
47) 2-Chloronaphthalene	13.10	162	841446	40.787	ng	98
48) 2-Nitroaniline	13.31	65	278021	42.215	ng	98
49) Acenaphthylene	13.96	152	1332054	40.453	ng	100
50) Dimethylphthalate	13.71	163	1062721	40.302	ng	99
51) 2,6-Dinitrotoluene	13.82	165	229879	40.143	ng	94
52) Acenaphthene	14.30	154	788194	40.861	ng	100
53) 3-Nitroaniline	14.15	138	261835	40.043	ng	99
54) 2,4-Dinitrophenol	14.36	184	116090	35.978	ng	99
55) Dibenzofuran	14.65	168	1270264	40.901	ng	100
56) 4-Nitrophenol	14.47	139	202820	39.066	ng	97
57) 2,4-Dinitrotoluene	14.61	165	311718	39.990	ng	96
58) Fluorene	15.30	166	947576	38.791	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.88	232	255377	38.698	ng	99
60) Diethylphthalate	15.09	149	1049902	39.737	ng	99
61) 4-Chlorophenyl-phenylether	15.30	204	495404	40.812	ng	98
62) 4-Nitroaniline	15.32	138	255557	40.675	ng	98
63) Azobenzene	15.59	77	1112125	42.287	ng	97
65) 4,6-Dinitro-2-methylphenol	15.38	198	173085	39.967	ng	92
66) n-Nitrosodiphenylamine	15.52	169	878980	41.926	ng	99
67) 4-Bromophenyl-phenylether	16.20	248	327364	42.108	ng	98
68) Hexachlorobenzene	16.31	284	334108	40.499	ng	94
69) Atrazine	16.48	200	262941	38.447	ng	100
70) Pentachlorophenol	16.66	266	197934	40.103	ng	98
71) Phenanthrene	17.04	178	1591717	41.462	ng	99
72) Anthracene	17.13	178	1590585	41.708	ng	99
73) Carbazole	17.40	167	1551330	41.351	ng	100
74) Di-n-butylphthalate	17.99	149	1792332	40.370	ng	99
75) Fluoranthene	19.03	202	1885202	41.140	ng	98
77) Benzidine	19.21	184	601693	34.150	ng	100
78) Pyrene	19.37	202	1959226	40.565	ng	99
80) Butylbenzylphthalate	20.27	149	809338	37.696	ng	99
81) Benzo(a)anthracene	21.09	228	1821529	40.471	ng	98
82) 3,3'-Dichlorobenzidine	21.03	252	619089	37.012	ng	98
83) Chrysene	21.14	228	1742392	40.861	ng	99
84) Bis(2-ethylhexyl)phthalate	21.04	149	1224131	39.196	ng	99
85) Di-n-octyl phthalate	21.91	149	2071897	37.823	ng	99
87) Indeno(1,2,3-cd)pyrene	25.53	276	2158351	39.921	ng	99
88) Benzo(b)fluoranthene	22.64	252	1897435	40.705	ng	97
89) Benzo(k)fluoranthene	22.69	252	1804598	40.745	ng	98
90) Benzo(a)pyrene	23.21	252	1725789	39.507	ng	98
91) Dibenzo(a,h)anthracene	25.54	278	1765837	40.717	ng	99
92) Benzo(g,h,i)perylene	26.20	276	1780717	39.645	ng	98

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

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