Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP112719\
Data File : BP001109.D
Acq On : 28 Nov 2019 05:34
Operator : JU
Sample : SSTDCCC040
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSTDCCC040EC

Quant Time: Nov 28 06:54:30 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP112719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 27 17:38:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.33	152	161615	20.00	ng		0.00
21) Naphthalene-d8	10.37	136	649309	20.00	ng		0.00
39) Acenaphthene-d10	13.23	164	388770	20.00	ng		0.00
64) Phenanthrene-d10	15.63	188	786101	20.00	ng		0.00
76) Chrysene-d12	19.27	240	612320	20.00	ng		0.00
87) Perylene-d12	21.05	264	627533	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.23	112	771109	79.16	ng		0.00
7) Phenol-d6	7.77	99	1065252	82.08	ng		0.00
23) Nitrobenzene-d5	9.22	82	1171419	78.27	ng		0.00
42) 2,4,6-Tribromophenol	14.53	330	310172	83.24	ng		0.00
45) 2-Fluorobiphenyl	12.15	172	2005960	75.52	ng		0.00
79) Terphenyl-d14	17.92	244	2486492	75.13	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.55	88	168645	37.064	ng		98
3) Pyridine	3.40	79	504130	39.928	ng		97
4) n-Nitrosodimethylamine	3.31	42	222527	40.729	ng		92
6) Aniline	7.80	93	712898	41.431	ng		89
8) 2-Chlorophenol	7.99	128	411778	40.857	ng		96
9) Benzaldehyde	7.62	77	333903	44.344	ng		98
10) Phenol	7.79	94	601151	40.723	ng		99
11) bis(2-Chloroethyl)ether	7.93	93	467956	40.709	ng		99
12) 1,3-Dichlorobenzene	8.23	146	473340	39.624	ng		98
13) 1,4-Dichlorobenzene	8.36	146	477644	39.692	ng		99
14) 1,2-Dichlorobenzene	8.59	146	460623	40.671	ng		99
15) Benzyl Alcohol	8.56	79	460830	43.258	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.80	45	755944	40.904	ng		99
17) 2-Methylphenol	8.75	107	379435	41.042	ng		98
18) Hexachloroethane	9.13	117	197527	39.679	ng		99
19) n-Nitroso-di-n-propylamine	9.00	70	394972	42.177	ng		99
20) 3+4-Methylphenols	9.00	107	488266	41.897	ng		97
22) Acetophenone	8.98	105	751626	39.385	ng	#	99
24) Nitrobenzene	9.25	77	579415	38.934	ng		98
25) Isophorone	9.64	82	1073068	39.985	ng		99
26) 2-Nitrophenol	9.75	139	218600	40.102	ng		97
27) 2,4-Dimethylphenol	9.85	122	339325	39.299	ng		97
28) bis(2-Chloroethoxy)methane	10.00	93	657528	39.050	ng		100
29) 2,4-Dichlorophenol	10.15	162	388238	39.506	ng		98
30) 1,2,4-Trichlorobenzene	10.28	180	436338	38.015	ng		100
31) Naphthalene	10.40	128	1296587	39.099	ng		100
32) Benzoic acid	10.03	122	293377	46.999	ng		97
33) 4-Chloroaniline	10.49	127	574003	39.887	ng		99
34) Hexachlorobutadiene	10.62	225	277924	38.491	ng		99
35) Caprolactam	11.09	113	144679	42.717	ng		98
36) 4-Chloro-3-methylphenol	11.30	107	482891	41.445	ng		98
37) 2-Methylnaphthalene	11.53	142	898240	39.696	ng		99
38) 1-Methylnaphthalene	11.69	142	853955	39.950	ng		98
40) 1,2,4,5-Tetrachlorobenzene	11.81	216	459497	37.504	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	11.80	237	205763	36.404	ng	98
43) 2,4,6-Trichlorophenol	12.00	196	313442	39.182	ng	99
44) 2,4,5-Trichlorophenol	12.05	196	327132	39.468	ng	96
46) 1,1'-Biphenyl	12.30	154	1154288	38.418	ng	99
47) 2-Chloronaphthalene	12.32	162	917631	38.235	ng	98
48) 2-Nitroaniline	12.49	65	382416	40.657	ng	98
49) Acenaphthylene	13.00	152	1419870	39.469	ng	99
50) Dimethylphthalate	12.83	163	1154907	39.720	ng	100
51) 2,6-Dinitrotoluene	12.90	165	253794	40.775	ng	94
52) Acenaphthene	13.29	154	838621	38.754	ng	100
53) 3-Nitroaniline	13.17	138	287597	41.133	ng	98
54) 2,4-Dinitrophenol	13.34	184	90880	39.679	ng	90
55) Dibenzofuran	13.57	168	1276632	39.259	ng	99
56) 4-Nitrophenol	13.46	139	216251	43.648	ng	95
57) 2,4-Dinitrotoluene	13.56	165	332475	42.615	ng	92
58) Fluorene	14.13	166	1040168	39.920	ng	99
59) 2,3,4,6-Tetrachlorophenol	13.77	232	277011	40.657	ng	97
60) Diethylphthalate	14.00	149	1228597	40.808	ng	99
61) 4-Chlorophenyl-phenylether	14.15	204	527485	39.754	ng	99
62) 4-Nitroaniline	12.49	138	329443	40.640	ng	98
63) Azobenzene	14.41	77	1308638	40.213	ng	98
65) 4,6-Dinitro-2-methylphenol	14.23	198	127939	39.262	ng	96
66) n-Nitrosodiphenylamine	14.35	169	906065	37.934	ng	99
67) 4-Bromophenyl-phenylether	14.95	248	321809	37.707	ng	97
68) Hexachlorobenzene	15.03	284	356619	38.009	ng	95
69) Atrazine	15.23	200	288146	39.511	ng	100
70) Pentachlorophenol	15.34	266	203109	41.534	ng	98
71) Phenanthrene	15.67	178	1600882	38.736	ng	100
72) Anthracene	15.74	178	1584602	38.901	ng	100
73) Carbazole	15.99	167	1473745	39.759	ng	99
74) Di-n-butylphthalate	16.54	149	2038239	40.898	ng	100
75) Fluoranthene	17.37	202	1790884	40.933	ng	99
77) Benzidine	17.56	184	602226	38.092	ng	99
78) Pyrene	17.68	202	1824475	37.830	ng	99
80) Butylbenzylphthalate	18.56	149	909737	40.840	ng	96
81) Benzo(a)anthracene	19.26	228	1652029	38.913	ng	100
82) 3,3'-Dichlorobenzidine	19.23	252	568893	40.562	ng	100
83) Chrysene	19.31	228	1466343	38.571	ng	99
84) Bis(2-ethylhexyl)phthalate	19.32	149	1224802	39.992	ng	99
85) Di-n-octyl phthalate	20.10	149	2192857	40.307	ng	99
86) Indeno(1,2,3-cd)pyrene	22.70	276	1514803	33.810	ng	100
88) Benzo(b)fluoranthene	20.56	252	1569845	40.956	ng	100
89) Benzo(k)fluoranthene	20.60	252	1401236	37.956	ng	99
90) Benzo(a)pyrene	20.98	252	1373807	38.912	ng	100
91) Dibenzo(a,h)anthracene	22.73	278	1253965	36.294	ng	99
92) Benzo(g,h,i)perylene	23.20	276	1202719	35.253	ng	98

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

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