Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP110619\
Data File : BP000992.D
Acq On : 06 Nov 2019 17:12
Operator : JU
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : ICVBP110619

Quant Time: Nov 06 17:46:18 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP110619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 06 17:07:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.38	152	270276	20.00	ng		0.00
21) Naphthalene-d8	10.40	136	990903	20.00	ng		0.00
39) Acenaphthene-d10	13.27	164	591429	20.00	ng		0.00
64) Phenanthrene-d10	15.66	188	1221594	20.00	ng		0.00
76) Chrysene-d12	19.30	240	1001468	20.00	ng		0.00
87) Perylene-d12	21.09	264	1155805	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.29	112	1151507	77.55	ng		0.00
7) Phenol-d6	7.81	99	1466694	78.11	ng		0.00
23) Nitrobenzene-d5	9.25	82	1412414	78.85	ng		0.00
42) 2,4,6-Tribromophenol	14.56	330	574870	81.42	ng		0.00
45) 2-Fluorobiphenyl	12.19	172	3093202	78.77	ng		0.00
79) Terphenyl-d14	17.95	244	3959910	78.65	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.81	88	240284	37.218	ng		99
3) Pyridine	3.65	79	674980	39.543	ng		99
4) n-Nitrosodimethylamine	3.56	42	229208	38.528	ng		99
6) Aniline	7.85	93	946034	38.577	ng		99
8) 2-Chlorophenol	8.03	128	619249	39.327	ng		99
9) Benzaldehyde	7.68	77	524155	40.008	ng		99
10) Phenol	7.83	94	842854	41.038	ng		98
11) bis(2-Chloroethyl)ether	7.98	93	624049	39.031	ng		99
12) 1,3-Dichlorobenzene	8.28	146	768396	38.896	ng		98
13) 1,4-Dichlorobenzene	8.40	146	779514	39.174	ng		98
14) 1,2-Dichlorobenzene	8.64	146	730294	39.686	ng		99
15) Benzyl Alcohol	8.60	79	576042	40.257	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.84	45	662807	39.694	ng		98
17) 2-Methylphenol	8.79	107	522995	39.121	ng		99
18) Hexachloroethane	9.18	117	289292	39.580	ng		94
19) n-Nitroso-di-n-propylamine	9.04	70	453745	40.243	ng		99
20) 3+4-Methylphenols	9.03	107	657190	39.625	ng		96
22) Acetophenone	9.02	105	985371	38.505	ng	#	99
24) Nitrobenzene	9.28	77	700301	38.960	ng		97
25) Isophorone	9.68	82	1285604	38.991	ng		100
26) 2-Nitrophenol	9.79	139	277011	41.241	ng		99
27) 2,4-Dimethylphenol	9.88	122	480000	38.161	ng		99
28) bis(2-Chloroethoxy)methane	10.04	93	830580	38.528	ng		100
29) 2,4-Dichlorophenol	10.18	162	586043	38.601	ng		98
30) 1,2,4-Trichlorobenzene	10.32	180	715272	38.351	ng		99
31) Naphthalene	10.44	128	1905850	38.496	ng		100
32) Benzoic acid	10.03	122	291733	39.935	ng		99
33) 4-Chloroaniline	10.53	127	806231	37.976	ng		99
34) Hexachlorobutadiene	10.66	225	478034	38.794	ng		99
35) Caprolactam	11.10	113	187781	39.188	ng		99
36) 4-Chloro-3-methylphenol	11.33	107	614826	39.000	ng		100
37) 2-Methylnaphthalene	11.57	142	1364762	39.385	ng		100
38) 1-Methylnaphthalene	11.73	142	1271099	38.822	ng		99
40) 1,2,4,5-Tetrachlorobenzene	11.85	216	772401	39.222	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	11.84	237	397953	40.338	ng		100
43) 2,4,6-Trichlorophenol	12.03	196	466958	39.327	ng		97
44) 2,4,5-Trichlorophenol	12.09	196	501565	39.509	ng		97
46) 1,1'-Biphenyl	12.34	154	1741914	39.390	ng		100
47) 2-Chloronaphthalene	12.36	162	1377610	38.697	ng		100
48) 2-Nitroaniline	12.53	65	377698	40.533	ng		99
49) Acenaphthylene	13.03	152	2120385	39.179	ng		99
50) Dimethylphthalate	12.86	163	1730752	39.576	ng		100
51) 2,6-Dinitrotoluene	12.94	165	367749	40.313	ng		93
52) Acenaphthene	13.32	154	1255825	38.796	ng		99
53) 3-Nitroaniline	13.20	138	389630	39.159	ng		97
54) 2,4-Dinitrophenol	13.37	184	99231	39.927	ng		89
55) Dibenzofuran	13.61	168	1977771	39.117	ng		100
56) 4-Nitrophenol	13.48	139	278701	40.279	ng		97
57) 2,4-Dinitrotoluene	13.59	165	476342	41.572	ng		98
58) Fluorene	14.17	166	1582157	39.320	ng		99
59) 2,3,4,6-Tetrachlorophenol	13.81	232	446532	41.368	ng		97
60) Diethylphthalate	14.03	149	1724080	39.248	ng		99
61) 4-Chlorophenyl-phenylether	14.19	204	835340	39.263	ng		100
62) 4-Nitroaniline	12.53	138	434626	40.740	ng		99
63) Azobenzene	14.45	77	1496693	38.929	ng		99
65) 4,6-Dinitro-2-methylphenol	14.26	198	141240	39.086	ng		98
66) n-Nitrosodiphenylamine	14.38	169	1366641	38.910	ng		100
67) 4-Bromophenyl-phenylether	14.99	248	564832	39.278	ng		97
68) Hexachlorobenzene	15.07	284	645048	38.706	ng		97
69) Atrazine	15.27	200	496299	38.807	ng		100
70) Pentachlorophenol	15.37	266	313650	42.281	ng		98
71) Phenanthrene	15.70	178	2436792	38.975	ng		100
72) Anthracene	15.78	178	2384477	39.095	ng		100
73) Carbazole	16.02	167	2159462	38.618	ng		100
74) Di-n-butylphthalate	16.57	149	2710025	40.156	ng		100
75) Fluoranthene	17.41	202	2776706	39.291	ng		99
77) Benzidine	17.59	184	1351516	36.646	ng	#	95
78) Pyrene	17.72	202	2773088	39.182	ng		100
80) Butylbenzylphthalate	18.60	149	1124394	40.122	ng		97
81) Benzo(a)anthracene	19.29	228	2621021	38.860	ng		100
82) 3,3'-Dichlorobenzidine	19.26	252	954339	38.807	ng		98
83) Chrysene	19.34	228	2333056	39.399	ng		100
84) Bis(2-ethylhexyl)phthalate	19.35	149	1451092	40.725	ng		99
85) Di-n-octyl phthalate	20.13	149	2581584	40.246	ng		100
86) Indeno(1,2,3-cd)pyrene	22.76	276	3102698	38.294	ng		100
88) Benzo(b)fluoranthene	20.59	252	2663506	38.660	ng		99
89) Benzo(k)fluoranthene	20.63	252	2533504	39.065	ng		99
90) Benzo(a)pyrene	21.02	252	2437932	38.482	ng		99
91) Dibenzo(a,h)anthracene	22.79	278	2514602	38.891	ng		100
92) Benzo(g,h,i)perylene	23.26	276	2478499	38.068	ng		100

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

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