Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP112719\
Data File : BP001093.D
Acq On : 27 Nov 2019 21:37
Operator : JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSTDCCC040

Quant Time: Nov 28 03:03:18 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	154064	20.00	ng		0.00
21) Naphthalene-d8	10.36	136	581754	20.00	ng		0.00
39) Acenaphthene-d10	13.23	164	329444	20.00	ng		0.00
64) Phenanthrene-d10	15.63	188	637002	20.00	ng		0.00
76) Chrysene-d12	19.27	240	487824	20.00	ng		0.00
87) Perylene-d12	21.05	264	543698	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.22	112	776405	83.61	ng		0.00
7) Phenol-d6	7.77	99	1018121	82.30	ng		0.00
23) Nitrobenzene-d5	9.22	82	1081562	80.66	ng		0.00
42) 2,4,6-Tribromophenol	14.52	330	262531	83.14	ng		0.00
45) 2-Fluorobiphenyl	12.15	172	1828480	81.23	ng		0.00
79) Terphenyl-d14	17.91	244	2086358	79.13	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.55	88	183318	42.264	ng		99
3) Pyridine	3.40	79	485033	40.299	ng		99
4) n-Nitrosodimethylamine	3.32	42	215309	41.340	ng		97
6) Aniline	7.80	93	679502	41.426	ng		100
8) 2-Chlorophenol	7.99	128	401407	41.780	ng		100
9) Benzaldehyde	7.62	77	309074	42.831	ng		99
10) Phenol	7.79	94	582878	41.421	ng		99
11) bis(2-Chloroethyl)ether	7.93	93	456088	41.622	ng		99
12) 1,3-Dichlorobenzene	8.23	146	476495	41.843	ng		99
13) 1,4-Dichlorobenzene	8.36	146	475277	41.431	ng		100
14) 1,2-Dichlorobenzene	8.59	146	448111	41.506	ng		100
15) Benzyl Alcohol	8.56	79	427443	42.090	ng		100
16) 2,2'-oxybis(1-Chloropropan	8.79	45	729933	41.433	ng		99
17) 2-Methylphenol	8.75	107	358879	40.721	ng		99
18) Hexachloroethane	9.13	117	197300	41.576	ng		99
19) n-Nitroso-di-n-propylamine	9.00	70	368797	41.313	ng		99
20) 3+4-Methylphenols	8.99	107	455204	40.974	ng		99
22) Acetophenone	8.98	105	689727	40.338	ng	#	98
24) Nitrobenzene	9.24	77	541562	40.617	ng		100
25) Isophorone	9.63	82	970593	40.366	ng		100
26) 2-Nitrophenol	9.75	139	193518	39.624	ng		99
27) 2,4-Dimethylphenol	9.85	122	314113	40.604	ng		100
28) bis(2-Chloroethoxy)methane	10.00	93	610763	40.485	ng		99
29) 2,4-Dichlorophenol	10.14	162	361349	41.040	ng		99
30) 1,2,4-Trichlorobenzene	10.28	180	418696	40.714	ng		99
31) Naphthalene	10.40	128	1218001	40.994	ng		100
32) Benzoic acid	10.02	122	234682	41.962	ng		97
33) 4-Chloroaniline	10.49	127	517903	40.168	ng		99
34) Hexachlorobutadiene	10.62	225	264402	40.870	ng		97
35) Caprolactam	11.07	113	121387	40.002	ng		97
36) 4-Chloro-3-methylphenol	11.30	107	423272	40.547	ng		97
37) 2-Methylnaphthalene	11.53	142	822447	40.567	ng		98
38) 1-Methylnaphthalene	11.69	142	785239	41.001	ng		100
40) 1,2,4,5-Tetrachlorobenzene	11.81	216	422084	40.655	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	11.80	237	195221	40.759	ng	98
43) 2,4,6-Trichlorophenol	11.99	196	273577	40.357	ng	99
44) 2,4,5-Trichlorophenol	12.05	196	285685	40.674	ng	97
46) 1,1'-Biphenyl	12.30	154	1042031	40.927	ng	100
47) 2-Chloronaphthalene	12.32	162	827823	40.704	ng	98
48) 2-Nitroaniline	12.49	65	321164	40.293	ng	99
49) Acenaphthylene	13.00	152	1253688	41.125	ng	100
50) Dimethylphthalate	12.83	163	1004028	40.749	ng	100
51) 2,6-Dinitrotoluene	12.90	165	213248	40.431	ng	98
52) Acenaphthene	13.29	154	742766	40.505	ng	99
53) 3-Nitroaniline	13.16	138	240067	40.518	ng	99
54) 2,4-Dinitrophenol	13.34	184	67797	35.782	ng	98
55) Dibenzofuran	13.57	168	1130647	41.031	ng	99
56) 4-Nitrophenol	13.45	139	172376	41.057	ng	96
57) 2,4-Dinitrotoluene	13.56	165	275418	41.659	ng	95
58) Fluorene	14.13	166	911165	41.266	ng	98
59) 2,3,4,6-Tetrachlorophenol	13.77	232	239410	41.466	ng	99
60) Diethylphthalate	13.99	149	1049967	41.155	ng	100
61) 4-Chlorophenyl-phenylether	14.15	204	461245	41.022	ng	99
62) 4-Nitroaniline	12.49	138	278179	40.496	ng	99
63) Azobenzene	14.41	77	1125198	40.802	ng	99
65) 4,6-Dinitro-2-methylphenol	14.22	198	98327	37.561	ng	99
66) n-Nitrosodiphenylamine	14.35	169	778721	40.234	ng	100
67) 4-Bromophenyl-phenylether	14.95	248	276687	40.009	ng	98
68) Hexachlorobenzene	15.03	284	304058	39.992	ng	97
69) Atrazine	15.23	200	245127	41.479	ng	98
70) Pentachlorophenol	15.34	266	163048	41.146	ng	100
71) Phenanthrene	15.66	178	1364822	40.754	ng	99
72) Anthracene	15.75	178	1340593	40.613	ng	100
73) Carbazole	15.99	167	1221151	40.656	ng	99
74) Di-n-butylphthalate	16.55	149	1733156	42.916	ng	100
75) Fluoranthene	17.37	202	1488562	41.986	ng	99
77) Benzidine	17.56	184	562206	44.636	ng	100
78) Pyrene	17.68	202	1507277	39.229	ng	100
80) Butylbenzylphthalate	18.57	149	737111	41.536	ng	99
81) Benzo(a)anthracene	19.26	228	1366960	40.416	ng	100
82) 3,3'-Dichlorobenzidine	19.23	252	482739	43.203	ng	99
83) Chrysene	19.31	228	1253027	41.372	ng	99
84) Bis(2-ethylhexyl)phthalate	19.32	149	1056263	43.291	ng	99
85) Di-n-octyl phthalate	20.10	149	1881209	43.403	ng	100
86) Indeno(1,2,3-cd)pyrene	22.70	276	1465887	41.068	ng	100
88) Benzo(b)fluoranthene	20.56	252	1386732	41.758	ng	99
89) Benzo(k)fluoranthene	20.60	252	1229507	38.440	ng	99
90) Benzo(a)pyrene	20.98	252	1235382	40.387	ng	99
91) Dibenzo(a,h)anthracene	22.73	278	1218235	40.697	ng	99
92) Benzo(g,h,i)perylene	23.20	276	1189991	40.259	ng	99

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

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