Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122419\
Data File : BP001408.D
Acq On : 25 Dec 2019 05:36
Operator : JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSTDCCC040

Quant Time: Dec 25 06:07:44 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP121919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 24 16:04:49 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.29	152	44616	20.00	ng		0.00
21) Naphthalene-d8	10.32	136	152212	20.00	ng		0.00
39) Acenaphthene-d10	13.19	164	85205	20.00	ng		0.00
64) Phenanthrene-d10	15.58	188	154031	20.00	ng		0.00
76) Chrysene-d12	19.23	240	121809	20.00	ng		0.00
87) Perylene-d12	21.00	264	120449	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.20	112	201723	73.07	ng		0.00
7) Phenol-d6	7.75	99	263235	73.08	ng		0.00
23) Nitrobenzene-d5	9.18	82	281352	70.98	ng		0.00
42) 2,4,6-Tribromophenol	14.48	330	73629	69.12	ng		0.00
45) 2-Fluorobiphenyl	12.10	172	541425	80.35	ng		0.00
79) Terphenyl-d14	17.87	244	564092	79.32	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.52	88	35855	31.560	ng		97
3) Pyridine	3.35	79	94259	30.372	ng		97
4) n-Nitrosodimethylamine	3.28	42	75042	38.187	ng		100
6) Aniline	7.76	93	165320	36.458	ng	#	84
8) 2-Chlorophenol	7.95	128	103613	37.334	ng		98
9) Benzaldehyde	7.58	77	86280	34.144	ng		96
10) Phenol	7.78	94	145619	35.380	ng		87
11) bis(2-Chloroethyl)ether	7.89	93	104476	35.881	ng		96
12) 1,3-Dichlorobenzene	8.19	146	133239	38.543	ng		99
13) 1,4-Dichlorobenzene	8.32	146	134652	38.232	ng		99
14) 1,2-Dichlorobenzene	8.55	146	127560	38.018	ng		97
15) Benzyl Alcohol	8.53	79	123260	36.468	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.75	45	153307	33.245	ng		97
17) 2-Methylphenol	8.72	107	90441	36.878	ng		98
18) Hexachloroethane	9.09	117	47038	31.395	ng		98
19) n-Nitroso-di-n-propylamine	8.96	70	89900	35.155	ng		97
20) 3+4-Methylphenols	8.97	107	118508	36.415	ng		97
22) Acetophenone	8.94	105	175166	36.392	ng	#	99
24) Nitrobenzene	9.20	77	138789	35.576	ng		98
25) Isophorone	9.60	82	223993	35.145	ng		98
26) 2-Nitrophenol	9.71	139	49560	35.626	ng		96
27) 2,4-Dimethylphenol	9.82	122	76927	37.598	ng		99
28) bis(2-Chloroethoxy)methane	9.96	93	136101	35.754	ng		99
29) 2,4-Dichlorophenol	10.12	162	95984	37.887	ng		98
30) 1,2,4-Trichlorobenzene	10.24	180	117462	37.694	ng		98
31) Naphthalene	10.36	128	307844	37.051	ng		100
32) Benzoic acid	10.00	122	34573	23.735	ng		90
33) 4-Chloroaniline	10.46	127	123488	36.342	ng		99
34) Hexachlorobutadiene	10.58	225	83978	38.637	ng		95
35) Caprolactam	11.05	113	26363	34.971	ng		88
36) 4-Chloro-3-methylphenol	11.28	107	102279	34.547	ng		99
37) 2-Methylnaphthalene	11.49	142	212245	37.002	ng		99
38) 1-Methylnaphthalene	11.65	142	198368	36.784	ng		99
40) 1,2,4,5-Tetrachlorobenzene	11.76	216	123555	39.218	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	11.76	237	15975	10.252	ng		97
43) 2,4,6-Trichlorophenol	11.96	196	70181	36.222	ng		99
44) 2,4,5-Trichlorophenol	12.02	196	71399	35.866	ng		97
46) 1,1'-Biphenyl	12.26	154	277636	38.938	ng		97
47) 2-Chloronaphthalene	12.28	162	219735	38.121	ng		99
48) 2-Nitroaniline	12.45	65	83450	36.154	ng		97
49) Acenaphthylene	12.95	152	309593	36.742	ng		100
50) Dimethylphthalate	12.79	163	268854	38.462	ng		100
51) 2,6-Dinitrotoluene	12.86	165	51133	36.025	ng		85
52) Acenaphthene	13.24	154	187824	36.996	ng		99
53) 3-Nitroaniline	13.13	138	57214	37.556	ng		98
54) 2,4-Dinitrophenol	13.30	184	2914	5.317	ng	#	82
55) Dibenzofuran	13.52	168	294818	37.063	ng		100
56) 4-Nitrophenol	13.44	139	29172	26.779	ng		87
57) 2,4-Dinitrotoluene	13.52	165	68046	34.493	ng		89
58) Fluorene	14.09	166	231875	36.445	ng		97
59) 2,3,4,6-Tetrachlorophenol	13.73	232	56593	33.112	ng		93
60) Diethylphthalate	13.95	149	267701	37.131	ng		99
61) 4-Chlorophenyl-phenylether	14.10	204	128105	38.304	ng		99
62) 4-Nitroaniline	12.46	138	67033	37.997	ng		90
63) Azobenzene	14.36	77	260077	34.265	ng		95
65) 4,6-Dinitro-2-methylphenol	14.19	198	6991	10.134	ng		88
66) n-Nitrosodiphenylamine	14.30	169	198258	40.600	ng		97
67) 4-Bromophenyl-phenylether	14.90	248	73543	40.383	ng		94
68) Hexachlorobenzene	14.99	284	79738	38.461	ng		97
69) Atrazine	15.19	200	62767	35.784	ng		96
70) Pentachlorophenol	15.30	266	30719	28.893	ng		91
71) Phenanthrene	15.62	178	325021	36.985	ng		99
72) Anthracene	15.70	178	325413	37.406	ng		98
73) Carbazole	15.95	167	285564	36.818	ng		100
74) Di-n-butylphthalate	16.50	149	413748	38.873	ng		99
75) Fluoranthene	17.33	202	352794	35.903	ng		99
77) Benzidine	17.53	184	113977	32.138	ng		99
78) Pyrene	17.64	202	349268	36.929	ng		99
80) Butylbenzylphthalate	18.52	149	163942	37.181	ng		90
81) Benzo(a)anthracene	19.22	228	326433	36.777	ng		99
82) 3,3'-Dichlorobenzidine	19.19	252	120957	39.245	ng		98
83) Chrysene	19.27	228	316906	36.990	ng		99
84) Bis(2-ethylhexyl)phthalate	19.27	149	244867	37.846	ng		99
85) Di-n-octyl phthalate	20.05	149	391591	36.517	ng		98
86) Indeno(1,2,3-cd)pyrene	22.63	276	272172	29.415	ng		97
88) Benzo(b)fluoranthene	20.52	252	309157	39.083	ng		99
89) Benzo(k)fluoranthene	20.55	252	292773	38.854	ng	#	99
90) Benzo(a)pyrene	20.93	252	277107	38.455	ng		98
91) Dibenzo(a,h)anthracene	22.66	278	233745	33.176	ng		98
92) Benzo(g,h,i)perylene	23.12	276	200097	29.721	ng		97

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

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