Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP092719\
Data File : BP000468.D
Acq On : 27 Sep 2019 20:08
Operator : JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSTDCCC040EC

Quant Time: Sep 27 23:13:52 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP091619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 19 14:44:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	207200	20.00	ng		0.00
21) Naphthalene-d8	8.08	136	784648	20.00	ng		0.00
39) Acenaphthene-d10	9.83	164	436439	20.00	ng		0.00
64) Phenanthrene-d10	11.33	188	818498	20.00	ng		0.00
76) Chrysene-d12	14.01	240	704454	20.00	ng		0.01
87) Perylene-d12	15.49	264	806921	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	1030733	85.88	ng		0.00
7) Phenol-d6	6.43	99	1251339	85.05	ng		0.01
23) Nitrobenzene-d5	7.35	82	1047645	86.15	ng		0.00
42) 2,4,6-Tribromophenol	10.63	330	385356	89.02	ng		0.00
45) 2-Fluorobiphenyl	9.15	172	2192744	90.43	ng		0.00
79) Terphenyl-d14	12.94	244	2671042	79.54	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.48	88	207372	38.288	ng		100
3) Pyridine	3.23	79	574754	39.419	ng		98
4) n-Nitrosodimethylamine	3.16	42	168933	41.089	ng		96
6) Aniline	6.45	93	830474	40.941	ng	#	91
8) 2-Chlorophenol	6.58	128	563555	43.604	ng		98
9) Benzaldehyde	6.33	77	340345	43.435	ng		99
10) Phenol	6.45	94	695353	41.600	ng		73
11) bis(2-Chloroethyl)ether	6.52	93	531710	41.539	ng		99
12) 1,3-Dichlorobenzene	6.73	146	665686	42.922	ng		99
13) 1,4-Dichlorobenzene	6.80	146	665135	43.104	ng		99
14) 1,2-Dichlorobenzene	6.96	146	623550	44.113	ng		100
15) Benzyl Alcohol	6.93	79	454163	42.420	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.07	45	491646	40.513	ng		98
17) 2-Methylphenol	7.05	107	458134	41.387	ng		98
18) Hexachloroethane	7.30	117	237118	41.524	ng		95
19) n-Nitroso-di-n-propylamine	7.20	70	319754	41.107	ng		99
20) 3+4-Methylphenols	7.20	107	564651	42.183	ng	#	76
22) Acetophenone	7.19	105	755271	44.417	ng	#	98
24) Nitrobenzene	7.37	77	538755	42.651	ng		98
25) Isophorone	7.61	82	993500	41.256	ng		100
26) 2-Nitrophenol	7.69	139	287473	42.928	ng		96
27) 2,4-Dimethylphenol	7.73	122	440689	41.314	ng		98
28) bis(2-Chloroethoxy)methane	7.82	93	671852	41.947	ng		100
29) 2,4-Dichlorophenol	7.93	162	495784	43.367	ng		99
30) 1,2,4-Trichlorobenzene	8.02	180	572147	43.662	ng		99
31) Naphthalene	8.09	128	1601104	44.059	ng		100
32) Benzoic acid	7.84	122	214600	29.796	ng		99
33) 4-Chloroaniline	8.15	127	710561	43.206	ng		98
34) Hexachlorobutadiene	8.22	225	343009	44.178	ng		99
35) Caprolactam	8.50	113	168675	43.372	ng		99
36) 4-Chloro-3-methylphenol	8.63	107	497328	42.852	ng		98
37) 2-Methylnaphthalene	8.79	142	1096225	44.128	ng		99
38) 1-Methylnaphthalene	8.89	142	1031481	44.326	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	556309	44.581	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	187764	26.204	ng		98
43) 2,4,6-Trichlorophenol	9.07	196	364728	42.240	ng		99
44) 2,4,5-Trichlorophenol	9.12	196	381616	43.162	ng		99
46) 1,1'-Biphenyl	9.25	154	1342119	44.453	ng		99
47) 2-Chloronaphthalene	9.28	162	1109042	43.789	ng		97
48) 2-Nitroaniline	9.38	65	281570	43.778	ng		100
49) Acenaphthylene	9.70	152	1666609	43.777	ng		99
50) Dimethylphthalate	9.56	163	1309265	44.031	ng		99
51) 2,6-Dinitrotoluene	9.62	165	289841	44.331	ng		94
52) Acenaphthene	9.87	154	972321	40.472	ng		99
53) 3-Nitroaniline	9.79	138	328655	43.307	ng		100
54) 2,4-Dinitrophenol	9.90	184	81331	28.157	ng		95
55) Dibenzofuran	10.04	168	1517628	44.685	ng		100
56) 4-Nitrophenol	9.96	139	214113	37.933	ng		97
57) 2,4-Dinitrotoluene	10.02	165	384575	44.994	ng	#	85
58) Fluorene	10.39	166	1147891	43.758	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.16	232	309022	42.476	ng		99
60) Diethylphthalate	10.26	149	1270924	44.431	ng		100
61) 4-Chlorophenyl-phenylether	10.38	204	609300	45.249	ng		96
62) 4-Nitroaniline	10.40	138	343508	46.019	ng		96
63) Azobenzene	10.54	77	1044090	43.084	ng		98
65) 4,6-Dinitro-2-methylphenol	10.44	198	132523	34.434	ng		97
66) n-Nitrosodiphenylamine	10.50	169	1041517	42.270	ng		99
67) 4-Bromophenyl-phenylether	10.87	248	388181	41.940	ng		95
68) Hexachlorobenzene	10.95	284	434687	42.959	ng		93
69) Atrazine	11.03	200	250833	37.457	ng		98
70) Pentachlorophenol	11.14	266	203847	36.989	ng		99
71) Phenanthrene	11.36	178	1783574	43.484	ng		100
72) Anthracene	11.41	178	1798754	42.605	ng		99
73) Carbazole	11.57	167	1697067	44.634	ng		98
74) Di-n-butylphthalate	11.90	149	2048654	42.568	ng		100
75) Fluoranthene	12.56	202	1990085	45.185	ng		99
77) Benzidine	12.68	184	715557	28.441	ng		98
78) Pyrene	12.79	202	2040336	38.712	ng		100
80) Butylbenzylphthalate	13.42	149	933797	38.559	ng		97
81) Benzo(a)anthracene	14.00	228	1816986	40.832	ng		100
82) 3,3'-Dichlorobenzidine	13.96	252	708275	39.605	ng		99
83) Chrysene	14.03	228	1791976	41.015	ng		99
84) Bis(2-ethylhexyl)phthalate	13.99	149	1176714	40.477	ng		100
85) Di-n-octyl phthalate	14.61	149	2138452	39.689	ng		99
86) Indeno(1,2,3-cd)pyrene	16.99	276	1175700	22.076	ng	#	90
88) Benzo(b)fluoranthene	15.06	252	1910628	39.691	ng		98
89) Benzo(k)fluoranthene	15.09	252	1829394	43.567	ng		98
90) Benzo(a)pyrene	15.43	252	1785504	40.764	ng		98
91) Dibenzo(a,h)anthracene	17.01	278	952381	23.321	ng	#	93
92) Benzo(g,h,i)perylene	17.44	276	934858	22.271	ng	#	92

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

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