Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP092419\
Data File : BP000403.D
Acq On : 24 Sep 2019 23:27
Operator : JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSTDCCC040EC

Quant Time: Sep 25 01:18:49 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	198909	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	670917	20.00	ng		0.00
39) Acenaphthene-d10	9.83	164	254380	20.00	ng		0.00
64) Phenanthrene-d10	11.33	188	767856	20.00	ng		0.00
76) Chrysene-d12	13.99	240	629795	20.00	ng		0.00
87) Perylene-d12	15.47	264	789448	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	1013636	87.97	ng		0.00
7) Phenol-d6	6.42	99	1216348	86.12	ng		0.00
23) Nitrobenzene-d5	7.35	82	999374	96.11	ng		0.00
42) 2,4,6-Tribromophenol	10.62	330	362058	143.50	ng		0.00
45) 2-Fluorobiphenyl	9.15	172	1373953	97.21	ng		0.00
79) Terphenyl-d14	12.93	244	2202167	73.35	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.46	88	229549	44.149	ng		99
3) Pyridine	3.21	79	605498	43.258	ng		98
4) n-Nitrosodimethylamine	3.15	42	168584	42.713	ng		99
6) Aniline	6.45	93	824600	42.345	ng	#	92
8) 2-Chlorophenol	6.58	128	543750	43.826	ng		99
9) Benzaldehyde	6.33	77	330158	43.972	ng		98
10) Phenol	6.44	94	687393	42.838	ng		85
11) bis(2-Chloroethyl)ether	6.52	93	510063	41.509	ng		99
12) 1,3-Dichlorobenzene	6.73	146	646185	43.401	ng		98
13) 1,4-Dichlorobenzene	6.80	146	644890	43.534	ng		98
14) 1,2-Dichlorobenzene	6.96	146	598801	44.127	ng		98
15) Benzyl Alcohol	6.93	79	434992	42.323	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.06	45	476765	40.924	ng		99
17) 2-Methylphenol	7.05	107	443347	41.721	ng		100
18) Hexachloroethane	7.30	117	229130	41.797	ng		93
19) n-Nitroso-di-n-propylamine	7.20	70	305652	40.932	ng		98
20) 3+4-Methylphenols	7.20	107	546556	42.533	ng		92
22) Acetophenone	7.19	105	725528	49.900	ng	#	98
24) Nitrobenzene	7.36	77	513806	47.571	ng		95
25) Isophorone	7.60	82	936738	45.493	ng		99
26) 2-Nitrophenol	7.69	139	264310	46.160	ng		98
27) 2,4-Dimethylphenol	7.73	122	415814	45.590	ng		99
28) bis(2-Chloroethoxy)methane	7.82	93	603025	44.032	ng		99
29) 2,4-Dichlorophenol	7.93	162	432796	44.274	ng		99
30) 1,2,4-Trichlorobenzene	8.01	180	501682	44.775	ng		98
31) Naphthalene	8.09	128	1386140	44.610	ng		99
32) Benzoic acid	7.83	122	230188	37.378	ng		97
33) 4-Chloroaniline	8.14	127	601333	42.762	ng		99
34) Hexachlorobutadiene	8.22	225	244233	36.788	ng		99
35) Caprolactam	8.50	113	91543	27.529	ng		90
36) 4-Chloro-3-methylphenol	8.62	107	296199	29.848	ng		93
37) 2-Methylnaphthalene	8.79	142	638278	30.049	ng		98
38) 1-Methylnaphthalene	8.89	142	599351	30.122	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.95	216	343897	47.283	ng		98

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	125626	30.079 ng		98
43) 2,4,6-Trichlorophenol	9.06	196	219611	43.637 ng		99
44) 2,4,5-Trichlorophenol	9.10	196	226386	43.930 ng	#	94
46) 1,1'-Biphenyl	9.25	154	787837	44.770 ng		98
47) 2-Chloronaphthalene	9.28	162	657029	44.509 ng		99
48) 2-Nitroaniline	9.37	65	162223	43.274 ng		99
49) Acenaphthylene	9.69	152	991310	44.674 ng		99
50) Dimethylphthalate	9.55	163	789694	45.565 ng		99
51) 2,6-Dinitrotoluene	9.61	165	171894	45.108 ng		96
52) Acenaphthene	9.86	154	614733	43.900 ng		98
53) 3-Nitroaniline	9.78	138	188835	42.691 ng		96
54) 2,4-Dinitrophenol	9.89	184	52073	30.930 ng		93
55) Dibenzofuran	10.04	168	901494	45.541 ng		99
56) 4-Nitrophenol	9.95	139	128097	38.936 ng		90
57) 2,4-Dinitrotoluene	10.02	165	229413	46.050 ng	#	87
58) Fluorene	10.38	166	849329	55.549 ng		100
59) 2,3,4,6-Tetrachlorophenol	10.16	232	192321	45.354 ng		99
60) Diethylphthalate	10.25	149	779638	46.763 ng		99
61) 4-Chlorophenyl-phenylether	10.38	204	453880	57.831 ng		98
62) 4-Nitroaniline	10.39	138	251288	57.758 ng		92
63) Azobenzene	10.53	77	839597	59.441 ng		97
65) 4,6-Dinitro-2-methylphenol	10.43	198	109559	30.345 ng		87
66) n-Nitrosodiphenylamine	10.49	169	854417	36.963 ng		100
67) 4-Bromophenyl-phenylether	10.87	248	327080	37.669 ng		95
68) Hexachlorobenzene	10.94	284	380847	40.120 ng		94
69) Atrazine	11.02	200	179809	24.582 ng		99
70) Pentachlorophenol	11.13	266	170662	33.010 ng		98
71) Phenanthrene	11.35	178	1704220	44.289 ng		99
72) Anthracene	11.40	178	1628243	41.110 ng		99
73) Carbazole	11.56	167	1420636	39.828 ng		99
74) Di-n-butylphthalate	11.90	149	1965319	43.530 ng		100
75) Fluoranthene	12.55	202	1639873	39.689 ng		96
77) Benzidine	12.67	184	679144	30.194 ng		99
78) Pyrene	12.78	202	1612210	34.216 ng		100
80) Butylbenzylphthalate	13.41	149	715467	33.045 ng		100
81) Benzo(a)anthracene	13.98	228	1712418	43.044 ng		100
82) 3,3'-Dichlorobenzidine	13.95	252	675196	42.231 ng		99
83) Chrysene	14.02	228	1666274	42.659 ng		99
84) Bis(2-ethylhexyl)phthalate	13.98	149	1101892	42.396 ng		99
85) Di-n-octyl phthalate	14.60	149	2150226	44.638 ng		100
86) Indeno(1,2,3-cd)pyrene	16.96	276	1569907	32.973 ng		95
88) Benzo(b)fluoranthene	15.05	252	1894712	40.231 ng		99
89) Benzo(k)fluoranthene	15.07	252	1895307	46.136 ng		99
90) Benzo(a)pyrene	15.42	252	1831270	42.734 ng		99
91) Dibenzo(a,h)anthracene	16.98	278	1261137	31.565 ng	#	96
92) Benzo(g,h,i)perylene	17.41	276	1163490	28.331 ng	#	93

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

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