Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP092719\
Data File : BP000449.D
Acq On : 27 Sep 2019 11:54
Operator : JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
9/30/2019 8:14:59 AM

Quant Time: Sep 27 14:58:51 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	215890	20.00	ng		0.00
21) Naphthalene-d8	8.08	136	820133	20.00	ng		0.00
39) Acenaphthene-d10	9.83	164	457690	20.00	ng		0.00
64) Phenanthrene-d10	11.33	188	849148	20.00	ng		0.00
76) Chrysene-d12	14.01	240	713560	20.00	ng		0.01
87) Perylene-d12	15.49	264	837646	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	1087145	86.93	ng		0.00
7) Phenol-d6	6.43	99	1328770	86.68	ng		0.00
23) Nitrobenzene-d5	7.35	82	1097919	86.37	ng		0.00
42) 2,4,6-Tribromophenol	10.63	330	385618	84.94	ng		0.00
45) 2-Fluorobiphenyl	9.15	172	2309274	90.81	ng		0.00
79) Terphenyl-d14	12.94	244	2855645	83.96	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.48	88	233216	41.326	ng		99
3) Pyridine	3.22	79	639026	42.063	ng		99
4) n-Nitrosodimethylamine	3.16	42	181594	42.390	ng		96
6) Aniline	6.45	93	882651	41.761	ng		94
8) 2-Chlorophenol	6.58	128	581379	43.173	ng		98
9) Benzaldehyde	6.33	77	355695	43.590	ng		98
10) Phenol	6.45	94	743846	42.710	ng		74
11) bis(2-Chloroethyl)ether	6.52	93	558345	41.864	ng		99
12) 1,3-Dichlorobenzene	6.73	146	693019	42.886	ng		99
13) 1,4-Dichlorobenzene	6.81	146	699325	43.495	ng		96
14) 1,2-Dichlorobenzene	6.96	146	659068	44.749	ng		99
15) Benzyl Alcohol	6.93	79	467439	41.902	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.07	45	534307	42.256	ng		98
17) 2-Methylphenol	7.05	107	485604	42.103	ng		99
18) Hexachloroethane	7.30	117	248785	41.813	ng		98
19) n-Nitroso-di-n-propylamine	7.20	70	339637	41.906	ng		99
20) 3+4-Methylphenols	7.20	107	601940	43.158	ng	#	76
22) Acetophenone	7.19	105	791338	44.524	ng	#	98
24) Nitrobenzene	7.37	77	564519	42.757	ng		98
25) Isophorone	7.61	82	1040037	41.320	ng		99
26) 2-Nitrophenol	7.69	139	303147	43.310	ng		97
27) 2,4-Dimethylphenol	7.73	122	468018	41.977	ng		99
28) bis(2-Chloroethoxy)methane	7.82	93	710063	42.415	ng		100
29) 2,4-Dichlorophenol	7.93	162	517084	43.273	ng		99
30) 1,2,4-Trichlorobenzene	8.02	180	593592	43.339	ng		100
31) Naphthalene	8.10	128	1687724	44.433	ng		99
32) Benzoic acid	7.83	122	254026m	33.744	ng		
33) 4-Chloroaniline	8.15	127	750428	43.655	ng		97
34) Hexachlorobutadiene	8.22	225	353691	43.583	ng		99
35) Caprolactam	8.50	113	171724	42.245	ng		96
36) 4-Chloro-3-methylphenol	8.63	107	515211	42.472	ng		97
37) 2-Methylnaphthalene	8.79	142	1155198	44.490	ng		99
38) 1-Methylnaphthalene	8.89	142	1088688	44.760	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	578706	44.223	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	253474	33.731	ng		99
43) 2,4,6-Trichlorophenol	9.07	196	375827	41.505	ng		99
44) 2,4,5-Trichlorophenol	9.12	196	390284	42.093	ng		99
46) 1,1'-Biphenyl	9.25	154	1397116	44.126	ng		100
47) 2-Chloronaphthalene	9.28	162	1168927	44.011	ng		97
48) 2-Nitroaniline	9.37	65	293663	43.539	ng		96
49) Acenaphthylene	9.70	152	1753509	43.921	ng		100
50) Dimethylphthalate	9.56	163	1371504	43.982	ng		98
51) 2,6-Dinitrotoluene	9.62	165	296001	43.171	ng		94
52) Acenaphthene	9.87	154	1034803	41.072	ng		100
53) 3-Nitroaniline	9.79	138	347310	43.640	ng		99
54) 2,4-Dinitrophenol	9.90	184	112471	37.129	ng		93
55) Dibenzofuran	10.05	168	1593462	44.740	ng		96
56) 4-Nitrophenol	9.96	139	212384	35.880	ng		97
57) 2,4-Dinitrotoluene	10.02	165	400988	44.736	ng	#	87
58) Fluorene	10.39	166	1217361	44.252	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.16	232	315460	41.347	ng		98
60) Diethylphthalate	10.26	149	1318363	43.950	ng		100
61) 4-Chlorophenyl-phenylether	10.38	204	641421	45.423	ng		95
62) 4-Nitroaniline	10.40	138	358309	45.773	ng		96
63) Azobenzene	10.54	77	1111240	43.726	ng		97
65) 4,6-Dinitro-2-methylphenol	10.44	198	159839	40.032	ng		97
66) n-Nitrosodiphenylamine	10.50	169	1097059	42.917	ng		99
67) 4-Bromophenyl-phenylether	10.87	248	409363	42.632	ng		94
68) Hexachlorobenzene	10.95	284	443027	42.203	ng		94
69) Atrazine	11.03	200	258760	37.061	ng		99
70) Pentachlorophenol	11.15	266	186685	32.652	ng		99
71) Phenanthrene	11.36	178	1890240	44.421	ng		100
72) Anthracene	11.41	178	1910832	43.626	ng		100
73) Carbazole	11.57	167	1777962	45.074	ng		98
74) Di-n-butylphthalate	11.90	149	2141256	42.886	ng		99
75) Fluoranthene	12.56	202	2102807	46.021	ng		97
77) Benzidine	12.68	184	874836	34.329	ng		99
78) Pyrene	12.79	202	2158599	40.434	ng		100
80) Butylbenzylphthalate	13.42	149	959901	39.131	ng		99
81) Benzo(a)anthracene	14.00	228	1924608	42.699	ng		100
82) 3,3'-Dichlorobenzidine	13.96	252	766667	42.323	ng		99
83) Chrysene	14.03	228	1899585	42.923	ng		100
84) Bis(2-ethylhexyl)phthalate	13.99	149	1243789	42.238	ng		99
85) Di-n-octyl phthalate	14.62	149	2260600	41.420	ng		100
86) Indeno(1,2,3-cd)pyrene	16.99	276	2334709	43.280	ng		99
88) Benzo(b)fluoranthene	15.06	252	2011019	40.244	ng		99
89) Benzo(k)fluoranthene	15.09	252	2014321	46.211	ng		99
90) Benzo(a)pyrene	15.43	252	1932703	42.506	ng		99
91) Dibenzo(a,h)anthracene	17.00	278	1882782	44.413	ng		99
92) Benzo(g,h,i)perylene	17.44	276	1889927	43.372	ng		99

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

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