Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP092419\
Data File : BP000382.D
Acq On : 24 Sep 2019 11:54
Operator : JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
9/26/2019 8:24:46 AM

Quant Time: Sep 24 17:04:33 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	202533	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	612695	20.00	ng		0.00
39) Acenaphthene-d10	9.83	164	346180	20.00	ng		0.00
64) Phenanthrene-d10	11.32	188	663875	20.00	ng		0.00
76) Chrysene-d12	13.99	240	578343	20.00	ng		-0.01
87) Perylene-d12	15.46	264	681528	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	1035432	88.26	ng		0.00
7) Phenol-d6	6.43	99	1251433	87.02	ng		0.00
23) Nitrobenzene-d5	7.35	82	801732	84.43	ng		0.00
42) 2,4,6-Tribromophenol	10.62	330	336921	98.12	ng		0.00
45) 2-Fluorobiphenyl	9.15	172	1832688	95.28	ng		0.00
79) Terphenyl-d14	12.92	244	2350539	85.26	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.47	88	210005	39.667	ng		100
3) Pyridine	3.22	79	597013	41.889	ng		99
4) n-Nitrosodimethylamine	3.16	42	164595	40.956	ng		96
6) Aniline	6.45	93	838605	42.294	ng	#	92
8) 2-Chlorophenol	6.58	128	554927	43.926	ng		99
9) Benzaldehyde	6.33	77	332447	43.399	ng		99
10) Phenol	6.44	94	714625	43.738	ng		81
11) bis(2-Chloroethyl)ether	6.52	93	535582	42.805	ng		98
12) 1,3-Dichlorobenzene	6.73	146	661908	43.662	ng		98
13) 1,4-Dichlorobenzene	6.80	146	664114	44.029	ng		98
14) 1,2-Dichlorobenzene	6.96	146	570569	41.295	ng		98
15) Benzyl Alcohol	6.93	79	423850	40.501	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.06	45	359748	30.327	ng		97
17) 2-Methylphenol	7.05	107	361158	33.378	ng		99
18) Hexachloroethane	7.30	117	190381	34.107	ng		98
19) n-Nitroso-di-n-propylamine	7.20	70	244364	32.139	ng		98
20) 3+4-Methylphenols	7.20	107	438369	33.503	ng	#	84
22) Acetophenone	7.19	105	592715	44.640	ng		99
24) Nitrobenzene	7.36	77	412107	41.781	ng		97
25) Isophorone	7.60	82	760176	40.426	ng		100
26) 2-Nitrophenol	7.68	139	223414	42.725	ng		93
27) 2,4-Dimethylphenol	7.72	122	344954	41.414	ng		98
28) bis(2-Chloroethoxy)methane	7.82	93	512538	40.981	ng		100
29) 2,4-Dichlorophenol	7.93	162	390349	43.727	ng		99
30) 1,2,4-Trichlorobenzene	8.01	180	461034	45.057	ng		99
31) Naphthalene	8.09	128	1275331	44.944	ng		99
32) Benzoic acid	7.83	122	219111	38.960	ng		98
33) 4-Chloroaniline	8.14	127	542826	42.270	ng		98
34) Hexachlorobutadiene	8.22	225	287267	47.382	ng		100
35) Caprolactam	8.49	113	130343	42.922	ng		95
36) 4-Chloro-3-methylphenol	8.62	107	393714	43.445	ng		97
37) 2-Methylnaphthalene	8.79	142	884390	45.592	ng		98
38) 1-Methylnaphthalene	8.88	142	829395	45.644	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.95	216	455603	46.030	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.94	237	204053	35.901	ng		98
43) 2,4,6-Trichlorophenol	9.06	196	296647	43.313	ng		99
44) 2,4,5-Trichlorophenol	9.10	196	310896	44.331	ng		95
46) 1,1'-Biphenyl	9.25	154	1078067	45.017	ng		98
47) 2-Chloronaphthalene	9.27	162	891292	44.367	ng		98
48) 2-Nitroaniline	9.36	65	211927	41.541	ng		95
49) Acenaphthylene	9.69	152	1342781	44.467	ng		100
50) Dimethylphthalate	9.55	163	1055791	44.764	ng		100
51) 2,6-Dinitrotoluene	9.61	165	229606	44.275	ng	#	86
52) Acenaphthene	9.86	154	841755	44.172	ng		99
53) 3-Nitroaniline	9.77	138	260294	43.242	ng		99
54) 2,4-Dinitrophenol	9.89	184	86572	37.785	ng		96
55) Dibenzofuran	10.03	168	1222658	45.386	ng		100
56) 4-Nitrophenol	9.95	139	180828	40.389	ng		93
57) 2,4-Dinitrotoluene	10.02	165	312602	46.109	ng		100
58) Fluorene	10.38	166	932749	44.828	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.16	232	255602	44.293	ng		98
60) Diethylphthalate	10.25	149	1019800	44.948	ng		99
61) 4-Chlorophenyl-phenylether	10.37	204	506910	47.460	ng		99
62) 4-Nitroaniline	10.39	138	263197	44.453	ng		95
63) Azobenzene	10.53	77	808299	42.050	ng		98
65) 4,6-Dinitro-2-methylphenol	10.43	198	131253	42.047	ng		99
66) n-Nitrosodiphenylamine	10.49	169	849966	42.530	ng		99
67) 4-Bromophenyl-phenylether	10.86	248	328435	43.750	ng		98
68) Hexachlorobenzene	10.94	284	377697	46.020	ng		98
69) Atrazine	11.02	200	190514	33.336	ng		100
70) Pentachlorophenol	11.13	266	158932	35.556	ng		98
71) Phenanthrene	11.35	178	1502224	45.155	ng		99
72) Anthracene	11.40	178	1479070	43.192	ng		100
73) Carbazole	11.55	167	1366985	44.327	ng		99
74) Di-n-butylphthalate	11.89	149	1683504	43.128	ng		99
75) Fluoranthene	12.55	202	1673537	46.847	ng		97
77) Benzidine	12.66	184	627661	30.388	ng		99
78) Pyrene	12.77	202	1710829	39.539	ng		100
80) Butylbenzylphthalate	13.40	149	751887	37.817	ng		99
81) Benzo(a)anthracene	13.98	228	1565796	42.860	ng		100
82) 3,3'-Dichlorobenzidine	13.94	252	631162	42.989	ng		100
83) Chrysene	14.02	228	1505904	41.983	ng		99
84) Bis(2-ethylhexyl)phthalate	13.97	149	965846	40.468	ng		100
85) Di-n-octyl phthalate	14.59	149	1782011	40.285	ng		99
86) Indeno(1,2,3-cd)pyrene	16.95	276	1932449	44.198	ng		96
88) Benzo(b)fluoranthene	15.03	252	1732679	42.616	ng		98
89) Benzo(k)fluoranthene	15.07	252	1561072m	44.017	ng		
90) Benzo(a)pyrene	15.40	252	1590367	42.989	ng	#	97
91) Dibenzo(a,h)anthracene	16.96	278	1561136	45.261	ng		97
92) Benzo(g,h,i)perylene	17.39	276	1563190	44.091	ng		96

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

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