Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP092019\
Data File : BP000342.D
Acq On : 20 Sep 2019 08:46
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
9/24/2019 8:33:54 AM

Quant Time: Sep 20 15:53:22 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	208851	20.00	ng		0.00
21) Naphthalene-d8	8.08	136	787424	20.00	ng		0.00
39) Acenaphthene-d10	9.83	164	433703	20.00	ng		0.00
64) Phenanthrene-d10	11.33	188	828043	20.00	ng		0.00
76) Chrysene-d12	14.00	240	684508	20.00	ng		0.00
87) Perylene-d12	15.47	264	801598	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	1002737	82.89	ng		0.00
7) Phenol-d6	6.43	99	1192141	80.39	ng		0.00
23) Nitrobenzene-d5	7.35	82	1000028	81.94	ng		0.00
42) 2,4,6-Tribromophenol	10.63	330	420770	97.81	ng		0.00
45) 2-Fluorobiphenyl	9.15	172	2255076	93.58	ng		0.00
79) Terphenyl-d14	12.93	244	2837958	86.98	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.51	88	215923	39.551	ng		98
3) Pyridine	3.26	79	571805	38.906	ng		99
4) n-Nitrosodimethylamine	3.20	42	155412	37.501	ng		99
6) Aniline	6.45	93	810962	39.663	ng		99
8) 2-Chlorophenol	6.58	128	553067	42.454	ng		97
9) Benzaldehyde	6.34	77	321375	40.203	ng		95
10) Phenol	6.44	94	672955	39.941	ng		95
11) bis(2-Chloroethyl)ether	6.53	93	500013	38.754	ng		97
12) 1,3-Dichlorobenzene	6.73	146	669433	42.822	ng		99
13) 1,4-Dichlorobenzene	6.81	146	671468	43.170	ng		98
14) 1,2-Dichlorobenzene	6.96	146	629322	44.169	ng		99
15) Benzyl Alcohol	6.93	79	444221	41.163	ng		100
16) 2,2'-oxybis(1-Chloropropan	7.07	45	458929	37.518	ng		98
17) 2-Methylphenol	7.05	107	448923	40.234	ng		99
18) Hexachloroethane	7.30	117	239411	41.594	ng		97
19) n-Nitroso-di-n-propylamine	7.20	70	296630	37.833	ng		99
20) 3+4-Methylphenols	7.20	107	543126	40.254	ng	#	89
22) Acetophenone	7.20	105	721105	42.258	ng		97
24) Nitrobenzene	7.37	77	513776	40.530	ng		98
25) Isophorone	7.61	82	948788	39.261	ng		99
26) 2-Nitrophenol	7.69	139	280942	41.805	ng		95
27) 2,4-Dimethylphenol	7.73	122	434855	40.623	ng		99
28) bis(2-Chloroethoxy)methane	7.82	93	649899	40.434	ng		100
29) 2,4-Dichlorophenol	7.93	162	498616	43.461	ng		98
30) 1,2,4-Trichlorobenzene	8.02	180	584431	44.443	ng		99
31) Naphthalene	8.10	128	1604329	43.992	ng		99
32) Benzoic acid	7.82	122	160984	22.273	ng		94
33) 4-Chloroaniline	8.14	127	707343	42.858	ng		100
34) Hexachlorobutadiene	8.22	225	365539	46.914	ng		99
35) Caprolactam	8.50	113	161156	41.292	ng		90
36) 4-Chloro-3-methylphenol	8.63	107	489068	41.992	ng		97
37) 2-Methylnaphthalene	8.79	142	1097828	44.037	ng		99
38) 1-Methylnaphthalene	8.89	142	1036261	44.374	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	578891	46.684	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	267762	37.603	ng		100
43) 2,4,6-Trichlorophenol	9.07	196	377018	43.939	ng		100
44) 2,4,5-Trichlorophenol	9.11	196	390904	44.491	ng		98
46) 1,1'-Biphenyl	9.25	154	1330269	44.338	ng		99
47) 2-Chloronaphthalene	9.28	162	1117033	44.383	ng		97
48) 2-Nitroaniline	9.37	65	261484	40.912	ng		99
49) Acenaphthylene	9.69	152	1670308	44.150	ng		100
50) Dimethylphthalate	9.55	163	1327772	44.935	ng		100
51) 2,6-Dinitrotoluene	9.62	165	289885	44.618	ng	#	85
52) Acenaphthene	9.87	154	1046979	43.854	ng		100
53) 3-Nitroaniline	9.78	138	326367	43.277	ng		100
54) 2,4-Dinitrophenol	9.89	184	102166	35.593	ng		94
55) Dibenzofuran	10.04	168	1522032	45.098	ng		100
56) 4-Nitrophenol	9.95	139	218184	38.898	ng		93
57) 2,4-Dinitrotoluene	10.02	165	384833	45.308	ng		98
58) Fluorene	10.39	166	1154041	44.270	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.16	232	325971	45.088	ng		97
60) Diethylphthalate	10.26	149	1285903	45.239	ng		99
61) 4-Chlorophenyl-phenylether	10.37	204	634646	47.429	ng		99
62) 4-Nitroaniline	10.40	138	327426	44.141	ng		95
63) Azobenzene	10.54	77	1005076	41.736	ng		99
65) 4,6-Dinitro-2-methylphenol	10.43	198	151052	38.796	ng		97
66) n-Nitrosodiphenylamine	10.50	169	1046844	41.996	ng		99
67) 4-Bromophenyl-phenylether	10.87	248	418359	44.679	ng		99
68) Hexachlorobenzene	10.95	284	468010	45.719	ng		99
69) Atrazine	11.02	200	253650	37.427	ng		100
70) Pentachlorophenol	11.13	266	208829	37.456	ng		99
71) Phenanthrene	11.35	178	1822415	43.919	ng		100
72) Anthracene	11.40	178	1823912	42.703	ng		100
73) Carbazole	11.56	167	1680478	43.688	ng		100
74) Di-n-butylphthalate	11.90	149	2080018	42.722	ng		99
75) Fluoranthene	12.55	202	2063989	46.322	ng		98
77) Benzidine	12.67	184	895794	36.643	ng		99
78) Pyrene	12.79	202	2086262	40.737	ng		100
80) Butylbenzylphthalate	13.41	149	920324	39.110	ng		99
81) Benzo(a)anthracene	13.99	228	1854200	42.883	ng		100
82) 3,3'-Dichlorobenzidine	13.95	252	753208	43.345	ng		100
83) Chrysene	14.02	228	1820868	42.890	ng		99
84) Bis(2-ethylhexyl)phthalate	13.98	149	1195226	42.312	ng		100
85) Di-n-octyl phthalate	14.60	149	2143868	40.949	ng		99
86) Indeno(1,2,3-cd)pyrene	16.97	276	2154443	41.633	ng		95
88) Benzo(b)fluoranthene	15.05	252	2071968	43.328	ng		98
89) Benzo(k)fluoranthene	15.08	252	1785528m	42.805	ng		
90) Benzo(a)pyrene	15.42	252	1832798	42.121	ng		98
91) Dibenzo(a,h)anthracene	16.99	278	1736521	42.805	ng		97
92) Benzo(g,h,i)perylene	17.42	276	1712275	41.062	ng		96

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

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