Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120219\
Data File : BP001144.D
Acq On : 03 Dec 2019 01:46
Operator : JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
mohammad
12/4/2019 5:00:23 PM

Quant Time: Dec 03 04:07:12 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP112719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 27 17:38:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.33	152	141111	20.00	ng		0.00
21) Naphthalene-d8	10.37	136	503952	20.00	ng		0.00
39) Acenaphthene-d10	13.23	164	280940	20.00	ng		0.00
64) Phenanthrene-d10	15.63	188	512924	20.00	ng		0.00
76) Chrysene-d12	19.27	240	388539	20.00	ng		0.00
87) Perylene-d12	21.05	264	438576	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.23	112	734160	86.32	ng		0.00
7) Phenol-d6	7.78	99	963323	85.01	ng		0.00
23) Nitrobenzene-d5	9.22	82	1004060	86.44	ng		0.00
42) 2,4,6-Tribromophenol	14.53	330	224021	83.19	ng		0.00
45) 2-Fluorobiphenyl	12.15	172	1631359	84.99	ng		0.00
79) Terphenyl-d14	17.91	244	1736173	82.67	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.55	88	163664	41.196	ng		97
3) Pyridine	3.40	79	450711	40.884	ng		95
4) n-Nitrosodimethylamine	3.32	42	214610	44.988	ng		85
6) Aniline	7.80	93	621969	41.399	ng	#	76
8) 2-Chlorophenol	7.99	128	370369	42.088	ng		98
9) Benzaldehyde	7.63	77	305584	46.858	ng		99
10) Phenol	7.80	94	533501	41.392	ng		85
11) bis(2-Chloroethyl)ether	7.93	93	408006	40.652	ng		97
12) 1,3-Dichlorobenzene	8.23	146	441329	42.312	ng		98
13) 1,4-Dichlorobenzene	8.36	146	437661	41.654	ng		99
14) 1,2-Dichlorobenzene	8.59	146	413319	41.798	ng		98
15) Benzyl Alcohol	8.56	79	405355	43.579	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.79	45	648644	40.198	ng		99
17) 2-Methylphenol	8.75	107	327713	40.598	ng		97
18) Hexachloroethane	9.13	117	160766	36.987	ng		97
19) n-Nitroso-di-n-propylamine	9.00	70	326592	39.943	ng		97
20) 3+4-Methylphenols	9.00	107	421695	41.442	ng		98
22) Acetophenone	8.98	105	627567	42.369	ng	#	97
24) Nitrobenzene	9.25	77	495522	42.901	ng		98
25) Isophorone	9.64	82	858196	41.202	ng		99
26) 2-Nitrophenol	9.75	139	157167	37.149	ng		92
27) 2,4-Dimethylphenol	9.85	122	282957	42.223	ng		96
28) bis(2-Chloroethoxy)methane	10.00	93	534986	40.937	ng		98
29) 2,4-Dichlorophenol	10.15	162	328023	43.007	ng		100
30) 1,2,4-Trichlorobenzene	10.28	180	380707	42.735	ng		99
31) Naphthalene	10.40	128	1093926	42.502	ng		99
32) Benzoic acid	10.02	122	189672	39.149	ng		99
33) 4-Chloroaniline	10.49	127	468765	41.970	ng		98
34) Hexachlorobutadiene	10.62	225	244516	43.632	ng		98
35) Caprolactam	11.08	113	111904	42.570	ng		91
36) 4-Chloro-3-methylphenol	11.30	107	386012	42.686	ng		99
37) 2-Methylnaphthalene	11.53	142	731217	41.635	ng		97
38) 1-Methylnaphthalene	11.69	142	695688	41.933	ng		100
40) 1,2,4,5-Tetrachlorobenzene	11.81	216	388500	43.880	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	11.80	237	46308	11.338	ng		99
43) 2,4,6-Trichlorophenol	12.00	196	244732	42.335	ng		99
44) 2,4,5-Trichlorophenol	12.06	196	249213	41.607	ng		99
46) 1,1'-Biphenyl	12.30	154	918807	42.318	ng		100
47) 2-Chloronaphthalene	12.32	162	732381	42.229	ng		98
48) 2-Nitroaniline	12.49	65	299664	44.087	ng		99
49) Acenaphthylene	13.00	152	1098584	42.259	ng		100
50) Dimethylphthalate	12.83	163	891845	42.445	ng		100
51) 2,6-Dinitrotoluene	12.90	165	182220	40.513	ng		87
52) Acenaphthene	13.29	154	655481	41.917	ng		100
53) 3-Nitroaniline	13.17	138	220475	43.636	ng		97
54) 2,4-Dinitrophenol	13.34	184	8935	11.540	ng		88
55) Dibenzofuran	13.57	168	997517	42.450	ng		99
56) 4-Nitrophenol	13.46	139	138508	38.686	ng		92
57) 2,4-Dinitrotoluene	13.56	165	231950	41.141	ng	#	89
58) Fluorene	14.13	166	786245	41.756	ng		100
59) 2,3,4,6-Tetrachlorophenol	13.77	232	193196m	39.239	ng		
60) Diethylphthalate	13.99	149	910068	41.830	ng		99
61) 4-Chlorophenyl-phenylether	14.15	204	400543	41.774	ng		99
62) 4-Nitroaniline	12.49	138	253857	43.336	ng		96
63) Azobenzene	14.41	77	969970	41.246	ng		98
65) 4,6-Dinitro-2-methylphenol	14.23	198	13924	11.778	ng		96
66) n-Nitrosodiphenylamine	14.35	169	677392	43.465	ng		100
67) 4-Bromophenyl-phenylether	14.95	248	239664	43.038	ng		96
68) Hexachlorobenzene	15.03	284	258039	42.149	ng		98
69) Atrazine	15.23	200	191422	40.227	ng		100
70) Pentachlorophenol	15.34	266	130846	41.007	ng		99
71) Phenanthrene	15.67	178	1148053	42.574	ng		99
72) Anthracene	15.75	178	1154374	43.432	ng		99
73) Carbazole	15.99	167	1056173	43.669	ng		99
74) Di-n-butylphthalate	16.54	149	1413464	43.467	ng		99
75) Fluoranthene	17.37	202	1226849	42.975	ng		99
77) Benzidine	17.56	184	642087	64.005	ng		99
78) Pyrene	17.68	202	1259606	41.161	ng		100
80) Butylbenzylphthalate	18.56	149	594602	42.067	ng		99
81) Benzo(a)anthracene	19.26	228	1141956	42.391	ng		99
82) 3,3'-Dichlorobenzidine	19.23	252	422683	47.495	ng		99
83) Chrysene	19.31	228	1040752	43.144	ng		99
84) Bis(2-ethylhexyl)phthalate	19.32	149	771008	39.674	ng		98
85) Di-n-octyl phthalate	20.09	149	1379101	39.949	ng		99
86) Indeno(1,2,3-cd)pyrene	22.71	276	1112318	39.126	ng		98
88) Benzo(b)fluoranthene	20.56	252	1146974	42.816	ng		99
89) Benzo(k)fluoranthene	20.60	252	1033436	40.054	ng		99
90) Benzo(a)pyrene	20.98	252	1031149	41.790	ng		99
91) Dibenzo(a,h)anthracene	22.73	278	922323	38.196	ng		99
92) Benzo(g,h,i)perylene	23.20	276	851394	35.707	ng		99

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

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