Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP100319\
Data File : BP000491.D
Acq On : 03 Oct 2019 13:32
Operator : JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
mohammad
10/7/2019 8:28:16 AM

Quant Time: Oct 03 14:36:39 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP100119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 01 18:03:42 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	240587	20.00	ng		0.00
21) Naphthalene-d8	8.06	136	911695	20.00	ng		0.00
39) Acenaphthene-d10	9.82	164	505757	20.00	ng		0.00
64) Phenanthrene-d10	11.31	188	922951	20.00	ng		0.00
76) Chrysene-d12	13.99	240	680461	20.00	ng		0.00
87) Perylene-d12	15.46	264	458429	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	1134426	75.79	ng		0.00
7) Phenol-d6	6.41	99	1375383	76.26	ng		0.00
23) Nitrobenzene-d5	7.33	82	1124371	75.32	ng		0.00
42) 2,4,6-Tribromophenol	10.62	330	456629	84.73	ng		0.00
45) 2-Fluorobiphenyl	9.13	172	2476987	79.24	ng		0.00
79) Terphenyl-d14	12.92	244	2860866	85.13	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.47	88	223677	37.424	ng		99
3) Pyridine	3.21	79	606836	37.161	ng		100
4) n-Nitrosodimethylamine	3.15	42	170406	37.083	ng		98
6) Aniline	6.43	93	844143	38.525	ng		99
8) 2-Chlorophenol	6.56	128	572580	38.763	ng		100
9) Benzaldehyde	6.32	77	351324	37.396	ng		99
10) Phenol	6.42	94	698787	37.841	ng		96
11) bis(2-Chloroethyl)ether	6.50	93	542044	38.153	ng		100
12) 1,3-Dichlorobenzene	6.71	146	696330	38.889	ng		98
13) 1,4-Dichlorobenzene	6.79	146	704234	39.086	ng		99
14) 1,2-Dichlorobenzene	6.95	146	646327	38.853	ng		100
15) Benzyl Alcohol	6.91	79	457004	39.235	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.05	45	511077	38.999	ng		99
17) 2-Methylphenol	7.03	107	465251	38.112	ng		97
18) Hexachloroethane	7.29	117	250788	39.109	ng		96
19) n-Nitroso-di-n-propylamine	7.19	70	316387	38.057	ng		97
20) 3+4-Methylphenols	7.18	107	557945	39.060	ng		95
22) Acetophenone	7.18	105	800512	38.000	ng	#	99
24) Nitrobenzene	7.35	77	541425	37.607	ng		99
25) Isophorone	7.59	82	1013921	38.271	ng		99
26) 2-Nitrophenol	7.67	139	301480	39.820	ng		98
27) 2,4-Dimethylphenol	7.71	122	450082	38.781	ng		98
28) bis(2-Chloroethoxy)methane	7.80	93	692286	38.451	ng		99
29) 2,4-Dichlorophenol	7.92	162	517094	39.406	ng		99
30) 1,2,4-Trichlorobenzene	8.00	180	604595	39.231	ng		98
31) Naphthalene	8.08	128	1669420	39.207	ng		99
32) Benzoic acid	7.82	122	298878m	40.785	ng		
33) 4-Chloroaniline	8.12	127	733388	39.228	ng		99
34) Hexachlorobutadiene	8.20	225	375448	40.312	ng		98
35) Caprolactam	8.49	113	173130	39.391	ng		99
36) 4-Chloro-3-methylphenol	8.61	107	503771	39.197	ng		99
37) 2-Methylnaphthalene	8.77	142	1151195	40.274	ng		99
38) 1-Methylnaphthalene	8.87	142	1087358	40.260	ng		98
40) 1,2,4,5-Tetrachlorobenzene	8.94	216	638146	39.864	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.93	237	228592	39.718	ng		99
43) 2,4,6-Trichlorophenol	9.05	196	390927	39.671	ng		98
44) 2,4,5-Trichlorophenol	9.09	196	406669	39.971	ng		98
46) 1,1'-Biphenyl	9.23	154	1492750	39.102	ng		98
47) 2-Chloronaphthalene	9.26	162	1162089	39.366	ng		100
48) 2-Nitroaniline	9.36	65	275948	38.611	ng		85
49) Acenaphthylene	9.67	152	1726076	38.756	ng		99
50) Dimethylphthalate	9.54	163	1383996	39.382	ng		100
51) 2,6-Dinitrotoluene	9.60	165	301836	39.386	ng		98
52) Acenaphthene	9.85	154	1030245	38.134	ng		99
53) 3-Nitroaniline	9.77	138	333367	37.964	ng		91
54) 2,4-Dinitrophenol	9.87	184	110727	43.300	ng		98
55) Dibenzofuran	10.02	168	1573118	38.953	ng		100
56) 4-Nitrophenol	9.93	139	216968	38.701	ng		98
57) 2,4-Dinitrotoluene	10.00	165	397523	39.122	ng		97
58) Fluorene	10.37	166	1188316	41.286	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.15	232	350260	40.725	ng		98
60) Diethylphthalate	10.25	149	1319192	39.544	ng		98
61) 4-Chlorophenyl-phenylether	10.36	204	655900	42.377	ng		99
62) 4-Nitroaniline	10.39	138	332029	39.315	ng		98
63) Azobenzene	10.52	77	1046688	40.867	ng		98
65) 4,6-Dinitro-2-methylphenol	10.42	198	167844	41.024	ng		87
66) n-Nitrosodiphenylamine	10.48	169	1084517	40.345	ng		97
67) 4-Bromophenyl-phenylether	10.86	248	426991	41.099	ng		98
68) Hexachlorobenzene	10.93	284	470213	39.827	ng		99
69) Atrazine	11.02	200	353679	40.093	ng		97
70) Pentachlorophenol	11.12	266	197417	41.632	ng		98
71) Phenanthrene	11.34	178	1816922	39.198	ng		99
72) Anthracene	11.39	178	1812697	39.441	ng		99
73) Carbazole	11.55	167	1646156	38.638	ng		98
74) Di-n-butylphthalate	11.89	149	2055298	39.601	ng		100
75) Fluoranthene	12.54	202	1963372	37.714	ng		100
77) Benzidine	12.66	184	929017	47.147	ng		99
78) Pyrene	12.77	202	1961861	41.803	ng		99
80) Butylbenzylphthalate	13.40	149	847437	41.438	ng		99
81) Benzo(a)anthracene	13.97	228	1641897	39.547	ng		98
82) 3,3'-Dichlorobenzidine	13.93	252	671360	40.710	ng		98
83) Chrysene	14.01	228	1618992	39.730	ng		100
84) Bis(2-ethylhexyl)phthalate	13.97	149	1069373	41.577	ng		99
85) Di-n-octyl phthalate	14.59	149	1772707	38.025	ng		99
86) Indeno(1,2,3-cd)pyrene	16.94	276	1161377	22.816	ng	#	93
88) Benzo(b)fluoranthene	15.03	252	1026977	39.487	ng	#	96
89) Benzo(k)fluoranthene	15.06	252	1006107	40.633	ng	#	96
90) Benzo(a)pyrene	15.40	252	957994	39.514	ng		97
91) Dibenzo(a,h)anthracene	16.96	278	948895	40.355	ng	#	94
92) Benzo(g,h,i)perylene	17.39	276	926514	38.777	ng	#	91

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

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