Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP020320\
Data File : BP001719.D
Acq On : 03 Feb 2020 13:46
Operator : CG/JU
Sample : SSTDICC080
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : SSTDICC080

Manual Integrations APPROVED
mohammad
2/4/2020 6:13:11 PM

Quant Time: Feb 03 15:17:00 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP020320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 03 13:47:55 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	356652	20.00	ng		0.00
21) Naphthalene-d8	10.50	136	1345719	20.00	ng		0.00
39) Acenaphthene-d10	14.35	164	777659	20.00	ng		0.00
64) Phenanthrene-d10	17.10	188	1578916	20.00	ng		0.00
76) Chrysene-d12	21.19	240	1333735	20.00	ng		0.00
87) Perylene-d12	23.43	264	1589809	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.34	112	3102418	170.40	ng		0.00
7) Phenol-d6	6.90	99	3997002	137.36	ng		0.00
23) Nitrobenzene-d5	8.88	82	3650540	118.54	ng		0.00
42) 2,4,6-Tribromophenol	15.85	330	1353057	114.30	ng		0.00
45) 2-Fluorobiphenyl	12.98	172	7938508	150.09	ng		0.00
79) Terphenyl-d14	19.68	244	9583509	131.42	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.30	88	610276	105.030	ng		100
3) Pyridine	3.68	79	1848680m	88.048	ng		
4) n-Nitrosodimethylamine	3.59	42	685106	46.039	ng		96
6) Aniline	7.06	93	2467153	67.810	ng		99
8) 2-Chlorophenol	7.30	128	1706602	80.288	ng		98
10) Phenol	6.93	94	2041861	67.835	ng		99
11) bis(2-Chloroethyl)ether	7.16	93	1643862	69.634	ng		99
12) 1,3-Dichlorobenzene	7.62	146	2027060	75.867	ng		99
13) 1,4-Dichlorobenzene	7.76	146	2043485	73.964	ng		99
14) 1,2-Dichlorobenzene	8.08	146	1924884	72.095	ng		99
15) Benzyl Alcohol	7.96	79	1416589	51.695	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.26	45	2004344	45.703	ng		98
17) 2-Methylphenol	8.17	107	1365259	65.327	ng		100
18) Hexachloroethane	8.80	117	736935	68.326	ng		96
19) n-Nitroso-di-n-propylamine	8.54	70	1231174	55.498	ng		97
20) 3+4-Methylphenols	8.50	107	1867179	63.873	ng		99
22) Acetophenone	8.54	105	2548141	67.547	ng	#	98
24) Nitrobenzene	8.92	77	1810291	58.105	ng		97
25) Isophorone	9.44	82	3314991	60.027	ng		99
26) 2-Nitrophenol	9.62	139	774697	65.796	ng		99
27) 2,4-Dimethylphenol	9.69	122	1331713	75.708	ng		96
28) bis(2-Chloroethoxy)methane	9.93	93	2218688	68.580	ng		99
29) 2,4-Dichlorophenol	10.15	162	1584137	65.794	ng		99
30) 1,2,4-Trichlorobenzene	10.37	180	1846276	63.520	ng		99
31) Naphthalene	10.55	128	5313604	74.816	ng		98
32) Benzoic acid	9.86	122	903901	60.493	ng		98
33) 4-Chloroaniline	10.66	127	2314747	70.785	ng		99
34) Hexachlorobutadiene	10.85	225	1116281	54.253	ng		97
35) Caprolactam	11.44	113	506617m	57.944	ng		
36) 4-Chloro-3-methylphenol	11.79	107	1599667	55.360	ng		99
37) 2-Methylnaphthalene	12.16	142	3765735	66.530	ng		99
38) 1-Methylnaphthalene	12.39	142	3557081	65.305	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.54	216	1937345	72.726	ng		99
41) Hexachlorocyclopentadiene	12.53	237	949253	70.249	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	12.77	196	1194810	69.544	ng	99
44) 2,4,5-Trichlorophenol	12.85	196	1251651	68.558	ng	97
46) 1,1'-Biphenyl	13.19	154	4668326	83.774	ng	98
47) 2-Chloronaphthalene	13.22	162	3691911	79.714	ng	99
48) 2-Nitroaniline	13.42	65	1001258	55.026	ng	97
49) Acenaphthylene	14.07	152	5613210	78.586	ng	97
50) Dimethylphthalate	13.82	163	4551288	71.057	ng	99
51) 2,6-Dinitrotoluene	13.93	165	972605	71.606	ng	98
52) Acenaphthene	14.42	154	3637840	82.234	ng	97
53) 3-Nitroaniline	14.25	138	1114970	77.747	ng	99
54) 2,4-Dinitrophenol	14.46	184	326411	42.740	ng	94
55) Dibenzofuran	14.76	168	5255289	70.251	ng	99
56) 4-Nitrophenol	14.56	139	851163	74.326	ng	95
57) 2,4-Dinitrotoluene	14.72	165	1304655	65.646	ng	94
58) Fluorene	15.40	166	4099376	67.721	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.98	232	1100090	58.353	ng	99
60) Diethylphthalate	15.20	149	4572456	69.407	ng	99
61) 4-Chlorophenyl-phenylether	15.41	204	2093300	60.423	ng	99
62) 4-Nitroaniline	15.42	138	1138461	69.629	ng	98
63) Azobenzene	15.70	77	4059926	61.677	ng	98
65) 4,6-Dinitro-2-methylphenol	15.48	198	471468	55.230	ng	98
66) n-Nitrosodiphenylamine	15.62	169	3646602	87.179	ng	98
67) 4-Bromophenyl-phenylether	16.30	248	1387970	77.923	ng	94
68) Hexachlorobenzene	16.42	284	1532293	74.042	ng	98
69) Atrazine	16.58	200	1069243	69.602	ng	99
70) Pentachlorophenol	16.75	266	826505	72.317	ng	97
71) Phenanthrene	17.15	178	6387835	74.393	ng	96
72) Anthracene	17.24	178	6299890	75.366	ng	98
73) Carbazole	17.50	167	6005269	76.521	ng	99
74) Di-n-butylphthalate	18.09	149	7368911	79.365	ng	98
75) Fluoranthene	19.12	202	7235154	64.036	ng	97
77) Benzidine	19.30	184	2933797	96.336	ng	97
78) Pyrene	19.47	202	7313307	74.646	ng	96
80) Butylbenzylphthalate	20.36	149	3407695	91.514	ng	99
81) Benzo(a)anthracene	21.18	228	6918509	74.484	ng	99
82) 3,3'-Dichlorobenzidine	21.11	252	2536207	72.814	ng	99
83) Chrysene	21.23	228	6355961	70.215	ng	95
84) Bis(2-ethylhexyl)phthalate	21.14	149	4935555	96.687	ng	100
85) Di-n-octyl phthalate	22.02	149	7916964	97.268	ng	99
86) Indeno(1,2,3-cd)pyrene	25.72	276	8687602	81.987	ng	99
88) Benzo(b)fluoranthene	22.77	252	7681181	76.672	ng	98
89) Benzo(k)fluoranthene	22.82	252	6832135	69.946	ng	97
90) Benzo(a)pyrene	23.35	252	7076217	74.393	ng	98
91) Dibenzo(a,h)anthracene	25.74	278	7081534	72.156	ng	99
92) Benzo(g,h,i)perylene	26.42	276	7119733	72.975	ng	99

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

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