Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030520\
Data File : BG044685.D
Acq On : 5 Mar 2020 15:24
Operator : CG/JU
Sample : SSTDICC060
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED
mohammad
3/6/2020 10:17:34 PM

Quant Time: Mar 05 16:31:49 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 05 15:55:35 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	63343	20.00	ng		0.00
21) Naphthalene-d8	10.87	136	267318	20.00	ng		0.00
39) Acenaphthene-d10	14.70	164	181128	20.00	ng		0.00
64) Phenanthrene-d10	17.44	188	423452	20.00	ng		0.00
76) Chrysene-d12	21.72	240	352594	20.00	ng		0.00
87) Perylene-d12	24.94	264	421086	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	515736	130.64	ng		0.00
7) Phenol-d6	7.21	99	778787	144.11	ng		0.00
23) Nitrobenzene-d5	9.22	82	747279	144.02	ng		0.00
42) 2,4,6-Tribromophenol	16.18	330	318676	124.08	ng		0.00
45) 2-Fluorobiphenyl	13.32	172	1585760	125.37	ng		0.00
79) Terphenyl-d14	20.06	244	2333641	125.29	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	120288	69.823	ng		97
3) Pyridine	3.92	79	383931m	79.869	ng		
4) n-Nitrosodimethylamine	3.83	42	158745	86.949	ng		85
6) Aniline	7.38	93	487104	74.035	ng		99
8) 2-Chlorophenol	7.62	128	260762	60.507	ng		98
9) Benzaldehyde	7.19	77	201631	63.453	ng		97
10) Phenol	7.24	94	389327	74.344	ng		99
11) bis(2-Chloroethyl)ether	7.48	93	291633	66.244	ng		97
12) 1,3-Dichlorobenzene	7.95	146	309035	60.123	ng		96
13) 1,4-Dichlorobenzene	8.10	146	305774	59.192	ng		97
14) 1,2-Dichlorobenzene	8.42	146	288817	58.792	ng		96
15) Benzyl Alcohol	8.29	79	337530	92.613	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.59	45	545047	92.122	ng		99
17) 2-Methylphenol	8.49	107	263725	70.493	ng		97
18) Hexachloroethane	9.15	117	123598	65.469	ng		95
19) n-Nitroso-di-n-propylamine	8.88	70	287699	82.824	ng		100
20) 3+4-Methylphenols	8.82	107	366064	71.470	ng		94
22) Acetophenone	8.88	105	465804	69.404	ng	#	94
24) Nitrobenzene	9.26	77	388053	77.194	ng		99
25) Isophorone	9.79	82	768071	79.127	ng		98
26) 2-Nitrophenol	9.97	139	135213	49.596	ng		100
27) 2,4-Dimethylphenol	10.03	122	245992	64.263	ng		99
28) bis(2-Chloroethoxy)methane	10.27	93	436643	68.022	ng		99
29) 2,4-Dichlorophenol	10.51	162	286087	62.513	ng		98
30) 1,2,4-Trichlorobenzene	10.74	180	324212	61.256	ng		99
31) Naphthalene	10.93	128	916293	62.818	ng		98
32) Benzoic acid	10.19	122	202327	136.177	ng		93
33) 4-Chloroaniline	11.02	127	413737	64.399	ng		96
34) Hexachlorobutadiene	11.23	225	221613	66.674	ng		96
35) Caprolactam	11.80	113	114518	69.900	ng		98
36) 4-Chloro-3-methylphenol	12.14	107	349018	74.089	ng		97
37) 2-Methylnaphthalene	12.53	142	680656	63.139	ng		99
38) 1-Methylnaphthalene	12.75	142	637777	62.262	ng		95
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	367586	60.283	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	220775	91.780	ng		96
43) 2,4,6-Trichlorophenol	13.12	196	258743	65.351	ng		93
44) 2,4,5-Trichlorophenol	13.19	196	264846	65.118	ng		90
46) 1,1'-Biphenyl	13.53	154	888594	59.282	ng		99
47) 2-Chloronaphthalene	13.58	162	680739	57.916	ng		99
48) 2-Nitroaniline	13.76	65	256892	78.735	ng		99
49) Acenaphthylene	14.42	152	1086847	62.642	ng		99
50) Dimethylphthalate	14.16	163	918369	62.819	ng		99
51) 2,6-Dinitrotoluene	14.26	165	181912	56.420	ng		99
52) Acenaphthene	14.76	154	714706	64.622	ng		97
53) 3-Nitroaniline	14.59	138	208813	60.050	ng		95
54) 2,4-Dinitrophenol	14.79	184	86436	55.790	ng	#	76
55) Dibenzofuran	15.10	168	1055939	62.277	ng		99
56) 4-Nitrophenol	14.89	139	158772	66.379	ng		97
57) 2,4-Dinitrotoluene	15.05	165	246077	54.285	ng		96
58) Fluorene	15.74	166	857858	63.811	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.32	232	252998m	67.550	ng		
60) Diethylphthalate	15.52	149	968706	66.875	ng		97
61) 4-Chlorophenyl-phenylether	15.74	204	471963	64.567	ng		99
62) 4-Nitroaniline	15.76	138	219790	63.124	ng		98
63) Azobenzene	16.03	77	1026322	83.253	ng		99
65) 4,6-Dinitro-2-methylphenol	15.81	198	115620	44.096	ng		95
66) n-Nitrosodiphenylamine	15.95	169	771714	58.425	ng		96
67) 4-Bromophenyl-phenylether	16.64	248	322794	61.411	ng		94
68) Hexachlorobenzene	16.75	284	347688	58.506	ng		94
69) Atrazine	16.90	200	294361	60.282	ng		99
70) Pentachlorophenol	17.09	266	212001	86.107	ng		95
71) Phenanthrene	17.49	178	1380013	58.865	ng		99
72) Anthracene	17.58	178	1352830	58.556	ng		98
73) Carbazole	17.84	167	1286024	61.153	ng		99
74) Di-n-butylphthalate	18.42	149	1598310	60.652	ng		99
75) Fluoranthene	19.49	202	1636127	58.954	ng		99
77) Benzidine	19.66	184	764316	63.281	ng		96
78) Pyrene	19.85	202	1637771	63.987	ng		98
80) Butylbenzylphthalate	20.75	149	744207	66.473	ng		98
81) Benzo(a)anthracene	21.70	228	1575296	63.568	ng		98
82) 3,3'-Dichlorobenzidine	21.61	252	651890	66.586	ng		99
83) Chrysene	21.77	228	1521852	63.516	ng		98
84) Bis(2-ethylhexyl)phthalate	21.64	149	1013856	65.721	ng		97
85) Di-n-octyl phthalate	22.87	149	1753759	64.616	ng		99
86) Indeno(1,2,3-cd)pyrene	28.63	276	2030021	66.018	ng		99
88) Benzo(b)fluoranthene	23.93	252	1745992	63.065	ng		99
89) Benzo(k)fluoranthene	24.00	252	1627125	60.571	ng		99
90) Benzo(a)pyrene	24.80	252	1626203	62.517	ng		100
91) Dibenzo(a,h)anthracene	28.71	278	1612427	62.677	ng		98
92) Benzo(g,h,i)perylene	29.77	276	1621678	62.918	ng		97

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

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