Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072719\
Data File : BG041781.D
Acq On : 27 Jul 2019 17:40
Operator : HP/JU
Sample : SSTDICC100
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDICC100

Manual Integrations APPROVED
mohammad
7/29/2019 5:30:25 PM

Quant Time: Jul 29 06:49:37 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG072719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 29 05:48:08 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	91689	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	383441	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	271012	20.00	ng	0.00
64) Phenanthrene-d10	17.46	188	596434	20.00	ng	0.00
76) Chrysene-d12	21.74	240	573587	20.00	ng	0.00
87) Perylene-d12	25.02	264	675585	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	927432	165.35	ng	0.00
7) Phenol-d6	7.20	99	1229874	163.03	ng	0.00
23) Nitrobenzene-d5	9.22	82	1164223	184.65	ng	0.00
42) 2,4,6-Tribromophenol	16.20	330	645442	211.33	ng	0.00
45) 2-Fluorobiphenyl	13.33	172	2610941	149.18	ng	0.00
79) Terphenyl-d14	20.07	244	3341058	136.12	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.47	88	218989	82.208	ng	91
3) Pyridine	3.87	79	585917	82.399	ng	91
4) n-Nitrosodimethylamine	3.78	42	249759	76.059	ng	92
6) Aniline	7.37	93	859468	84.768	ng	100
8) 2-Chlorophenol	7.61	128	537075	84.583	ng	93
9) Benzaldehyde	7.17	77	395793	90.746	ng	93
10) Phenol	7.23	94	645444	81.206	ng	97
11) bis(2-Chloroethyl)ether	7.47	93	527554	82.184	ng	94
12) 1,3-Dichlorobenzene	7.94	146	680240	89.784	ng	99
13) 1,4-Dichlorobenzene	8.08	146	683906	90.137	ng	98
14) 1,2-Dichlorobenzene	8.41	146	649839	90.841	ng	98
15) Benzyl Alcohol	8.29	79	504489	83.998	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.58	45	927460	69.726	ng	95
17) 2-Methylphenol	8.49	107	478056	86.972	ng	99
18) Hexachloroethane	9.15	117	247732	89.142	ng	92
19) n-Nitroso-di-n-propylamine	8.87	70	449277	81.479	ng	93
20) 3+4-Methylphenols	8.82	107	656125	87.106	ng	99
22) Acetophenone	8.88	105	832255	89.117	ng	95
24) Nitrobenzene	9.26	77	615646	89.510	ng	98
25) Isophorone	9.79	82	1173918	85.028	ng	97
26) 2-Nitrophenol	9.97	139	317961	106.863	ng	97
27) 2,4-Dimethylphenol	10.03	122	487177	89.184	ng	100
28) bis(2-Chloroethoxy)methane	10.27	93	719856	84.597	ng	99
29) 2,4-Dichlorophenol	10.52	162	610250	97.983	ng	98
30) 1,2,4-Trichlorobenzene	10.73	180	735701	100.605	ng	97
31) Naphthalene	10.93	128	1642888	87.029	ng	99
32) Benzoic acid	10.23	122	404244m	105.366	ng	
33) 4-Chloroaniline	11.02	127	806360	92.604	ng	98
34) Hexachlorobutadiene	11.22	225	509717	108.447	ng	99
35) Caprolactam	11.83	113	208627m	91.135	ng	
36) 4-Chloro-3-methylphenol	12.15	107	581482	89.121	ng	95
37) 2-Methylnaphthalene	12.53	142	1311003	90.900	ng	99
38) 1-Methylnaphthalene	12.75	142	1235530	89.858	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.90	216	834984	89.946	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.89	237	537682	102.390	ng		99
43) 2,4,6-Trichlorophenol	13.14	196	576485	95.574	ng		97
44) 2,4,5-Trichlorophenol	13.21	196	589375	92.739	ng		97
46) 1,1'-Biphenyl	13.54	154	1608002	79.197	ng		95
47) 2-Chloronaphthalene	13.58	162	1399322	82.694	ng		98
48) 2-Nitroaniline	13.78	65	421079	85.467	ng		95
49) Acenaphthylene	14.43	152	2006273	75.948	ng		95
50) Dimethylphthalate	14.16	163	1704337	80.072	ng		97
51) 2,6-Dinitrotoluene	14.28	165	420625	93.166	ng		90
52) Acenaphthene	14.78	154	1385354	83.219	ng		98
53) 3-Nitroaniline	14.60	138	437705	88.812	ng	#	90
54) 2,4-Dinitrophenol	14.80	184	243218	124.640	ng		90
55) Dibenzofuran	15.10	168	1951465	78.120	ng		96
56) 4-Nitrophenol	14.91	139	345264	86.529	ng		91
57) 2,4-Dinitrotoluene	15.06	165	583582	97.785	ng		94
58) Fluorene	15.76	166	1594147	78.428	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.33	232	583578	99.467	ng	#	94
60) Diethylphthalate	15.53	149	1694866	79.041	ng		95
61) 4-Chlorophenyl-phenylether	15.74	204	1008837	87.803	ng		98
62) 4-Nitroaniline	15.77	138	464557	88.877	ng		98
63) Azobenzene	16.04	77	1370225	70.681	ng		95
65) 4,6-Dinitro-2-methylphenol	15.83	198	327613	124.707	ng		87
66) n-Nitrosodiphenylamine	15.96	169	1495366	85.376	ng		98
67) 4-Bromophenyl-phenylether	16.64	248	717600	101.116	ng		98
68) Hexachlorobenzene	16.77	284	740336	103.596	ng		97
69) Atrazine	16.91	200	614204	96.631	ng		98
70) Pentachlorophenol	17.11	266	486102	108.787	ng		99
71) Phenanthrene	17.50	178	2436656	81.123	ng		93
72) Anthracene	17.60	178	2437753	81.420	ng		95
73) Carbazole	17.86	167	2234835	80.484	ng		96
74) Di-n-butylphthalate	18.42	149	2498894	73.785	ng		96
75) Fluoranthene	19.51	202	2803706	76.018	ng		95
77) Benzidine	19.68	184	1590465	82.318	ng	#	93
78) Pyrene	19.87	202	2779819	71.657	ng		93
80) Butylbenzylphthalate	20.76	149	1279912	79.397	ng	#	90
81) Benzo(a)anthracene	21.73	228	2914745	78.650	ng		92
82) 3,3'-Dichlorobenzidine	21.64	252	1258987	86.330	ng		97
83) Chrysene	21.80	228	2779906	78.502	ng		93
84) Bis(2-ethylhexyl)phthalate	21.64	149	1671975	73.459	ng		94
85) Di-n-octyl phthalate	22.88	149	2870776	74.064	ng		94
86) Indeno(1,2,3-cd)pyrene	28.79	276	4234505	90.626	ng	#	89
88) Benzo(b)fluoranthene	23.99	252	3339337	81.488	ng		96
89) Benzo(k)fluoranthene	24.06	252	3252135	85.646	ng		95
90) Benzo(a)pyrene	24.88	252	3265496	84.223	ng		96
91) Dibenzo(a,h)anthracene	28.86	278	3329298	88.562	ng		97
92) Benzo(g,h,i)perylene	29.96	276	3376864	89.636	ng		96

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

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