Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030520\
Data File : BG044687.D
Acq On : 5 Mar 2020 16:43
Operator : CG/JU
Sample : SSTDICC100
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC100

Manual Integrations APPROVED
mohammad
3/6/2020 10:17:39 PM

Quant Time: Mar 05 17:43:27 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	69427	20.00	ng		0.00
21) Naphthalene-d8	10.88	136	259184	20.00	ng		0.00
39) Acenaphthene-d10	14.70	164	184161	20.00	ng		0.00
64) Phenanthrene-d10	17.45	188	417810	20.00	ng		0.00
76) Chrysene-d12	21.72	240	352336	20.00	ng		0.00
87) Perylene-d12	24.95	264	423462	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	817421	188.91	ng		0.00
7) Phenol-d6	7.22	99	1226825	207.13	ng		0.00
23) Nitrobenzene-d5	9.23	82	1217130	241.93	ng		0.00
42) 2,4,6-Tribromophenol	16.19	330	511964	196.06	ng		0.00
45) 2-Fluorobiphenyl	13.33	172	2359571	183.47	ng		0.00
79) Terphenyl-d14	20.06	244	3305221	177.59	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	198141	104.935	ng		97
3) Pyridine	3.92	79	624240m	118.481	ng		
4) n-Nitrosodimethylamine	3.83	42	259535	129.698	ng	#	84
6) Aniline	7.39	93	769334	106.685	ng		98
8) 2-Chlorophenol	7.63	128	416590	88.195	ng		98
9) Benzaldehyde	7.19	77	262290	75.309	ng		98
10) Phenol	7.25	94	609809	106.242	ng		98
11) bis(2-Chloroethyl)ether	7.48	93	468544	97.102	ng		95
12) 1,3-Dichlorobenzene	7.96	146	498705	88.521	ng		97
13) 1,4-Dichlorobenzene	8.10	146	501029	88.491	ng		97
14) 1,2-Dichlorobenzene	8.42	146	463463	86.075	ng		95
15) Benzyl Alcohol	8.30	79	532758	133.371	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.60	45	865411	133.450	ng		98
17) 2-Methylphenol	8.50	107	415623	101.360	ng		99
18) Hexachloroethane	9.15	117	200759	97.023	ng		97
19) n-Nitroso-di-n-propylamine	8.88	70	455355	119.602	ng		99
20) 3+4-Methylphenols	8.83	107	591329	105.333	ng		99
22) Acetophenone	8.88	105	736582	113.194	ng	#	95
24) Nitrobenzene	9.27	77	637383	130.771	ng		99
25) Isophorone	9.80	82	1198736	127.370	ng		98
26) 2-Nitrophenol	9.98	139	225309	85.237	ng		95
27) 2,4-Dimethylphenol	10.04	122	392503	105.755	ng		97
28) bis(2-Chloroethoxy)methane	10.28	93	673905	108.279	ng		99
29) 2,4-Dichlorophenol	10.51	162	452099	101.888	ng		99
30) 1,2,4-Trichlorobenzene	10.74	180	514733	100.305	ng		98
31) Naphthalene	10.92	128	1407694	99.535	ng		100
32) Benzoic acid	10.23	122	340384	236.287	ng		88
33) 4-Chloroaniline	11.02	127	651952	104.662	ng		96
34) Hexachlorobutadiene	11.22	225	355243	110.232	ng		95
35) Caprolactam	11.82	113	181957	114.549	ng		97
36) 4-Chloro-3-methylphenol	12.15	107	557732	122.109	ng		97
37) 2-Methylnaphthalene	12.53	142	1064876	101.879	ng		98
38) 1-Methylnaphthalene	12.74	142	996887m	100.374	ng		
40) 1,2,4,5-Tetrachlorobenzene	12.90	216	582723	93.990	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.89	237	355136	145.205 ng		95
43) 2,4,6-Trichlorophenol	13.13	196	401765	99.803 ng		98
44) 2,4,5-Trichlorophenol	13.20	196	415550	100.490 ng		91
46) 1,1'-Biphenyl	13.54	154	1364297	89.520 ng		96
47) 2-Chloronaphthalene	13.58	162	1069611	89.502 ng		99
48) 2-Nitroaniline	13.77	65	428088	129.044 ng		98
49) Acenaphthylene	14.42	152	1666381	94.462 ng		97
50) Dimethylphthalate	14.16	163	1417043	95.333 ng		98
51) 2,6-Dinitrotoluene	14.27	165	308470	94.097 ng		94
52) Acenaphthene	14.77	154	1132990	100.754 ng		98
53) 3-Nitroaniline	14.60	138	335761	94.967 ng		92
54) 2,4-Dinitrophenol	14.80	184	151548	96.205 ng	#	77
55) Dibenzofuran	15.10	168	1599526	92.783 ng		97
56) 4-Nitrophenol	14.89	139	272631	112.103 ng		95
57) 2,4-Dinitrotoluene	15.05	165	422360	91.639 ng		97
58) Fluorene	15.75	166	1326085	97.016 ng		97
59) 2,3,4,6-Tetrachlorophenol	15.32	232	404525m	106.228 ng		
60) Diethylphthalate	15.53	149	1518483	103.102 ng		96
61) 4-Chlorophenyl-phenylether	15.74	204	735206	98.924 ng		98
62) 4-Nitroaniline	15.76	138	359379	101.515 ng		95
63) Azobenzene	16.04	77	1569800	125.241 ng		97
65) 4,6-Dinitro-2-methylphenol	15.82	198	206988	80.009 ng		98
66) n-Nitrosodiphenylamine	15.95	169	1212312	93.020 ng		97
67) 4-Bromophenyl-phenylether	16.63	248	512292	98.780 ng		97
68) Hexachlorobenzene	16.76	284	561552	95.770 ng		98
69) Atrazine	16.90	200	425868	88.391 ng		99
70) Pentachlorophenol	17.09	266	332432	136.845 ng		98
71) Phenanthrene	17.49	178	2096426	90.631 ng		96
72) Anthracene	17.58	178	2039343	89.462 ng		93
73) Carbazole	17.84	167	1941473	93.568 ng		97
74) Di-n-butylphthalate	18.42	149	2379494	91.515 ng	#	95
75) Fluoranthene	19.50	202	2432941	88.849 ng		95
78) Pyrene	19.85	202	2420886	94.653 ng		94
80) Butylbenzylphthalate	20.75	149	1169254	104.514 ng		99
81) Benzo(a)anthracene	21.70	228	2441759	98.604 ng		93
82) 3,3'-Dichlorobenzidine	21.62	252	956137	97.734 ng		99
83) Chrysene	21.78	228	2340890	97.771 ng		94
84) Bis(2-ethylhexyl)phthalate	21.64	149	1572163	101.987 ng		94
85) Di-n-octyl phthalate	22.87	149	2680981	98.851 ng		97
86) Indeno(1,2,3-cd)pyrene	28.65	276	3329858	108.369 ng		99
88) Benzo(b)fluoranthene	23.94	252	2775944	99.704 ng		97
89) Benzo(k)fluoranthene	24.01	252	2529149	93.622 ng		97
90) Benzo(a)pyrene	24.81	252	2582163	98.710 ng		98
91) Dibenzo(a,h)anthracene	28.73	278	2599685	100.486 ng		95
92) Benzo(g,h,i)perylene	29.80	276	2635548	101.680 ng		98

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

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