Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031020\
Data File : BG044715.D
Acq On : 10 Mar 2020 15:04
Operator : CG/JU
Sample : SSTDICC100
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDICC100

Manual Integrations APPROVED
mohammad
3/11/2020 4:56:59 PM

Quant Time: Mar 10 16:29:28 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 10 14:03:59 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	110199	20.00	ng		0.00
21) Naphthalene-d8	10.87	136	405236	20.00	ng		0.00
39) Acenaphthene-d10	14.70	164	264646	20.00	ng		0.00
64) Phenanthrene-d10	17.44	188	590065	20.00	ng		0.00
76) Chrysene-d12	21.72	240	497788	20.00	ng		0.00
87) Perylene-d12	24.94	264	583879	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	1282514	174.79	ng		0.00
7) Phenol-d6	7.22	99	1831610	165.14	ng		0.00
23) Nitrobenzene-d5	9.22	82	1808991	203.25	ng		0.00
42) 2,4,6-Tribromophenol	16.18	330	706117	194.24	ng		0.00
45) 2-Fluorobiphenyl	13.32	172	3184870	167.64	ng		0.00
79) Terphenyl-d14	0.00	244	0d	0.00	ng		
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	312351	88.807	ng		97
3) Pyridine	3.92	79	955927m	87.659	ng		
4) n-Nitrosodimethylamine	3.83	42	375771	81.462	ng		99
6) Aniline	7.38	93	1158902	83.410	ng		98
8) 2-Chlorophenol	7.62	128	650625	87.487	ng		97
9) Benzaldehyde	7.19	77	399168	61.317	ng		98
10) Phenol	7.25	94	922469	84.431	ng		99
11) bis(2-Chloroethyl)ether	7.48	93	734513	87.494	ng		97
12) 1,3-Dichlorobenzene	7.95	146	795900	89.988	ng		98
13) 1,4-Dichlorobenzene	8.09	146	782023	88.502	ng		99
14) 1,2-Dichlorobenzene	8.42	146	730182	87.420	ng		96
15) Benzyl Alcohol	8.29	79	765450	79.998	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.59	45	1280453	80.731	ng		98
17) 2-Methylphenol	8.50	107	639356	85.405	ng		92
18) Hexachloroethane	9.15	117	317871	89.692	ng		96
19) n-Nitroso-di-n-propylamine	8.88	70	651919	78.680	ng	#	98
20) 3+4-Methylphenols	8.83	107	884289	84.793	ng		98
22) Acetophenone	8.88	105	1088036	91.973	ng	#	96
24) Nitrobenzene	9.26	77	952749	100.965	ng		99
25) Isophorone	9.80	82	1702179	86.724	ng		99
26) 2-Nitrophenol	9.97	139	356267	115.453	ng		95
27) 2,4-Dimethylphenol	10.03	122	571833	92.863	ng		95
28) bis(2-Chloroethoxy)methane	10.27	93	995035	90.050	ng		98
29) 2,4-Dichlorophenol	10.51	162	669894	95.612	ng		98
30) 1,2,4-Trichlorobenzene	10.73	180	790301	97.104	ng		95
31) Naphthalene	10.93	128	2070413	91.041	ng		96
32) Benzoic acid	10.23	122	517646	119.865	ng		99
33) 4-Chloroaniline	11.02	127	957970	91.457	ng		97
34) Hexachlorobutadiene	11.22	225	527927	94.942	ng		99
35) Caprolactam	11.82	113	263657m	90.146	ng		
36) 4-Chloro-3-methylphenol	12.14	107	788512	88.866	ng		98
37) 2-Methylnaphthalene	12.52	142	1554092	90.556	ng		98
38) 1-Methylnaphthalene	12.74	142	1461876	90.108	ng		96
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	838759	97.629	ng		98

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	506659	100.851	ng		98
43) 2,4,6-Trichlorophenol	13.12	196	588574	98.822	ng		98
44) 2,4,5-Trichlorophenol	13.20	196	598419	97.972	ng		99
46) 1,1'-Biphenyl	13.53	154	1953594	92.812	ng		94
47) 2-Chloronaphthalene	13.58	162	1518355	94.567	ng		96
48) 2-Nitroaniline	13.76	65	612293	113.072	ng		99
49) Acenaphthylene	14.42	152	2303387	89.544	ng		95
50) Dimethylphthalate	14.16	163	1945201	88.412	ng		98
51) 2,6-Dinitrotoluene	14.26	165	449829	113.782	ng		95
52) Acenaphthene	14.76	154	1606118	96.563	ng		99
53) 3-Nitroaniline	14.59	138	501493	110.072	ng		99
54) 2,4-Dinitrophenol	14.79	184	232623	126.731	ng	#	69
55) Dibenzofuran	15.10	168	2188018	87.792	ng		95
56) 4-Nitrophenol	14.89	139	393759	111.077	ng		95
57) 2,4-Dinitrotoluene	15.05	165	629100	119.091	ng		98
58) Fluorene	15.74	166	1797855	87.217	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.31	232	559787m	96.293	ng		
60) Diethylphthalate	15.52	149	2045858	86.975	ng		96
61) 4-Chlorophenyl-phenylether	15.74	204	1009866	90.284	ng		98
62) 4-Nitroaniline	15.76	138	516112	102.848	ng		100
63) Azobenzene	16.03	77	2074037	84.255	ng		94
65) 4,6-Dinitro-2-methylphenol	15.81	198	310344	128.740	ng		91
66) n-Nitrosodiphenylamine	15.95	169	1648412	91.369	ng		97
67) 4-Bromophenyl-phenylether	16.63	248	706208	94.897	ng		98
68) Hexachlorobenzene	16.75	284	770095	95.836	ng		94
69) Atrazine	16.90	200	532541	76.382	ng		99
70) Pentachlorophenol	17.09	266	455883	99.980	ng		97
71) Phenanthrene	17.48	178	2771740	85.667	ng		93
72) Anthracene	17.58	178	2732206	85.736	ng		93
73) Carbazole	17.84	167	2610526	85.537	ng		93
74) Di-n-butylphthalate	18.41	149	3075877	80.024	ng	#	94
75) Fluoranthene	19.49	202	3188755	81.547	ng		92
77) Benzidine	19.66	184	1378886m	69.391	ng		
78) Pyrene	19.85	202	3149505	82.950	ng	#	88
80) Butylbenzylphthalate	20.74	149	1578906	93.165	ng		92
81) Benzo(a)anthracene	21.70	228	3209924	85.988	ng	#	90
82) 3,3'-Dichlorobenzidine	21.61	252	1282051	86.257	ng		97
83) Chrysene	21.77	228	3013100m	84.800	ng		
84) Bis(2-ethylhexyl)phthalate	21.63	149	2063214	87.299	ng	#	93
85) Di-n-octyl phthalate	22.86	149	3474028	85.597	ng		96
86) Indeno(1,2,3-cd)pyrene	28.62	276	4387789	93.503	ng		95
88) Benzo(b)fluoranthene	23.93	252	3581596	90.129	ng		96
89) Benzo(k)fluoranthene	24.00	252	3388383	90.966	ng		95
90) Benzo(a)pyrene	24.80	252	3434269	92.791	ng		95
91) Dibenzo(a,h)anthracene	28.70	278	3418514	92.628	ng		99
92) Benzo(g,h,i)perylene	29.78	276	3507097	94.870	ng		98

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

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