Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031720\
Data File : BG044828.D
Acq On : 17 Mar 2020 11:12
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
mohammad
3/18/2020 3:59:54 PM

Quant Time: Mar 17 16:57:51 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 16 17:37:15 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	92904	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	380365	20.00	ng	0.00
39) Acenaphthene-d10	14.68	164	266946	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	606070	20.00	ng	0.00
76) Chrysene-d12	21.70	240	504631	20.00	ng	0.00
87) Perylene-d12	24.91	264	582690	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	446787	74.86	ng	0.00
7) Phenol-d6	7.21	99	654254	75.45	ng	0.00
23) Nitrobenzene-d5	9.20	82	618011	71.30	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	290675	83.16	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	1366319	73.30	ng	0.00
79) Terphenyl-d14	20.04	244	2028339	75.19	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.53	88	102834	35.782	ng	97
3) Pyridine	3.92	79	301448	35.432	ng	96
4) n-Nitrosodimethylamine	3.83	42	117787	36.488	ng	96
6) Aniline	7.37	93	392643	36.391	ng	96
8) 2-Chlorophenol	7.61	128	221723	37.217	ng	97
9) Benzaldehyde	7.18	77	177538	31.653	ng	96
10) Phenol	7.23	94	316319	36.847	ng	97
11) bis(2-Chloroethyl)ether	7.47	93	234810	34.272	ng	96
12) 1,3-Dichlorobenzene	7.94	146	273194	37.225	ng	97
13) 1,4-Dichlorobenzene	8.08	146	266004	36.663	ng	100
14) 1,2-Dichlorobenzene	8.41	146	254332	36.961	ng	97
15) Benzyl Alcohol	8.28	79	263155	37.825	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.58	45	386832	31.994	ng	100
17) 2-Methylphenol	8.49	107	219410	37.731	ng	95
18) Hexachloroethane	9.14	117	106918	37.430	ng	89
19) n-Nitroso-di-n-propylamine	8.86	70	221549	36.184	ng	95
20) 3+4-Methylphenols	8.81	107	309740	38.640	ng	95
22) Acetophenone	8.87	105	383266	35.567	ng	98
24) Nitrobenzene	9.25	77	314473	34.964	ng	99
25) Isophorone	9.77	82	609126	36.006	ng	100
26) 2-Nitrophenol	9.96	139	129826	42.316	ng	98
27) 2,4-Dimethylphenol	10.02	122	197229	35.800	ng	97
28) bis(2-Chloroethoxy)methane	10.26	93	355465	35.208	ng	100
29) 2,4-Dichlorophenol	10.50	162	248731	38.654	ng	98
30) 1,2,4-Trichlorobenzene	10.72	180	281561	36.594	ng	95
31) Naphthalene	10.91	128	754984	35.831	ng	100
32) Benzoic acid	10.16	122	150574	37.686	ng	97
33) 4-Chloroaniline	11.00	127	346084	36.457	ng	98
34) Hexachlorobutadiene	11.20	225	192132	37.972	ng	99
35) Caprolactam	11.78	113	99321	40.766	ng	97
36) 4-Chloro-3-methylphenol	12.12	107	288190	37.551	ng	97
37) 2-Methylnaphthalene	12.51	142	577046	36.611	ng	95
38) 1-Methylnaphthalene	12.73	142	541294	36.530	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	318552	36.235	ng	99

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 16 17:37:15 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.87	237	178507	37.154	ng		97
43) 2,4,6-Trichlorophenol	13.11	196	227091	38.923	ng		96
44) 2,4,5-Trichlorophenol	13.18	196	235317	38.891	ng		97
46) 1,1'-Biphenyl	13.52	154	760305	35.641	ng		98
47) 2-Chloronaphthalene	13.56	162	579492	35.560	ng		98
48) 2-Nitroaniline	13.75	65	215066	37.697	ng		95
49) Acenaphthylene	14.40	152	919743	36.026	ng		99
50) Dimethylphthalate	14.13	163	785821	36.961	ng		98
51) 2,6-Dinitrotoluene	14.25	165	171449	40.006	ng		98
52) Acenaphthene	14.75	154	628496	37.590	ng		99
53) 3-Nitroaniline	14.57	138	190951	38.755	ng		92
54) 2,4-Dinitrophenol	14.78	184	89994	44.328	ng		94
55) Dibenzofuran	15.08	168	892479	36.809	ng		100
56) 4-Nitrophenol	14.87	139	152873	40.655	ng		96
57) 2,4-Dinitrotoluene	15.03	165	237536	40.414	ng		100
58) Fluorene	15.73	166	728374	36.519	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.30	232	224994m	40.389	ng		
60) Diethylphthalate	15.50	149	805678	36.333	ng		99
61) 4-Chlorophenyl-phenylether	15.72	204	395409	36.818	ng		98
62) 4-Nitroaniline	15.74	138	204498	38.923	ng		98
63) Azobenzene	16.01	77	784763	34.079	ng		99
65) 4,6-Dinitro-2-methylphenol	15.80	198	129679	45.876	ng		97
66) n-Nitrosodiphenylamine	15.93	169	652245	35.746	ng		99
67) 4-Bromophenyl-phenylether	16.62	248	278938	36.815	ng		99
68) Hexachlorobenzene	16.74	284	303636	36.939	ng		99
69) Atrazine	16.88	200	246609	36.889	ng		98
70) Pentachlorophenol	17.08	266	186262	41.184	ng		99
71) Phenanthrene	17.47	178	1177696	36.363	ng		98
72) Anthracene	17.56	178	1157464	36.243	ng		98
73) Carbazole	17.82	167	1107442	36.100	ng		98
74) Di-n-butylphthalate	18.39	149	1364047	36.579	ng		100
75) Fluoranthene	19.47	202	1408516	36.525	ng		100
77) Benzidine	19.65	184	663760	40.517	ng		100
78) Pyrene	19.83	202	1398088	37.762	ng		99
80) Butylbenzylphthalate	20.73	149	614186	37.289	ng		99
81) Benzo(a)anthracene	21.68	228	1329430	36.586	ng		99
82) 3,3'-Dichlorobenzidine	21.59	252	515692	36.684	ng		98
83) Chrysene	21.74	228	1259099	36.275	ng		99
84) Bis(2-ethylhexyl)phthalate	21.60	149	822749	36.194	ng		98
85) Di-n-octyl phthalate	22.82	149	1398368	36.761	ng		100
86) Indeno(1,2,3-cd)pyrene	28.56	276	1618122	35.559	ng	#	98
88) Benzo(b)fluoranthene	23.89	252	1400594	36.409	ng		99
89) Benzo(k)fluoranthene	23.96	252	1296445	35.613	ng		99
90) Benzo(a)pyrene	24.76	252	1293076	35.924	ng		99
91) Dibenzo(a,h)anthracene	28.63	278	1297047	36.525	ng		97
92) Benzo(g,h,i)perylene	29.70	276	1290396	35.967	ng		97

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

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