Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010720\
Data File : BG043951.D
Acq On : 7 Jan 2020 12:26
Operator : JU
Sample : IDOC-W-02-CG
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : IDOC-W-02-CG

Manual Integrations APPROVED
mohammad
1/8/2020 4:26:02 PM

Quant Time: Jan 07 16:55:00 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 31 13:32:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.97	152	114235	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	511923	20.00	ng	0.00
39) Acenaphthene-d10	14.59	164	342672	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	744236	20.00	ng	0.00
76) Chrysene-d12	21.59	240	638523	20.00	ng	0.00
87) Perylene-d12	24.72	264	712355	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	756245	121.55	ng	0.00
7) Phenol-d6	7.13	99	1003036	115.34	ng	0.00
23) Nitrobenzene-d5	9.12	82	641057	66.99	ng	0.00
42) 2,4,6-Tribromophenol	16.08	330	387477	108.05	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	1418648	75.01	ng	0.00
79) Terphenyl-d14	19.95	244	2005748	72.80	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.43	88	103243	38.059	ng	98
3) Pyridine	3.82	79	258348	32.238	ng	94
4) n-Nitrosodimethylamine	3.74	42	134403	37.670	ng	99
6) Aniline	7.28	93	344271	30.139	ng	98
8) 2-Chlorophenol	7.53	128	327627	44.856	ng	98
9) Benzaldehyde	7.09	77	198499	35.663	ng	94
10) Phenol	7.15	94	404996	45.199	ng	99
11) bis(2-Chloroethyl)ether	7.38	93	304903	39.421	ng	98
12) 1,3-Dichlorobenzene	7.85	146	331627	38.800	ng	98
13) 1,4-Dichlorobenzene	7.99	146	334659	39.683	ng	98
14) 1,2-Dichlorobenzene	8.32	146	315369	38.960	ng	99
15) Benzyl Alcohol	8.19	79	279575	40.733	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.49	45	426869	35.673	ng	99
17) 2-Methylphenol	8.41	107	283221	43.679	ng	97
18) Hexachloroethane	9.05	117	125732	38.315	ng	97
19) n-Nitroso-di-n-propylamine	8.76	70	242256	37.406	ng	97
20) 3+4-Methylphenols	8.73	107	390826	43.206	ng	97
22) Acetophenone	8.78	105	453058	35.599	ng	99
24) Nitrobenzene	9.16	77	346116	36.519	ng	99
25) Isophorone	9.68	82	656720	36.580	ng	99
26) 2-Nitrophenol	9.87	139	179875	40.114	ng	98
27) 2,4-Dimethylphenol	9.94	122	313871	46.500	ng	98
28) bis(2-Chloroethoxy)methane	10.17	93	426385	35.624	ng	99
29) 2,4-Dichlorophenol	10.41	162	325558	40.435	ng	99
30) 1,2,4-Trichlorobenzene	10.63	180	328432	36.381	ng	99
31) Naphthalene	10.81	128	965721	38.983	ng	99
32) Benzoic acid	10.06	122	117425	24.837	ng	98
33) 4-Chloroaniline	10.91	127	264986	22.427	ng	100
34) Hexachlorobutadiene	11.11	225	186471	33.831	ng	96
35) Caprolactam	11.68	113	122184m	40.765	ng	
36) 4-Chloro-3-methylphenol	12.04	107	352909	41.174	ng	98
37) 2-Methylnaphthalene	12.42	142	721330	38.676	ng	99
38) 1-Methylnaphthalene	12.64	142	694160	39.271	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.79	216	341788	34.030	ng	99

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Quant Time: Jan 07 16:55:00 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 31 13:32:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.78	237	445354	85.529	ng		100
43) 2,4,6-Trichlorophenol	13.02	196	257343	37.237	ng		99
44) 2,4,5-Trichlorophenol	13.10	196	285240	40.018	ng		98
46) 1,1'-Biphenyl	13.43	154	916888	37.319	ng		99
47) 2-Chloronaphthalene	13.47	162	717905	36.160	ng		98
48) 2-Nitroaniline	13.66	65	232921	36.472	ng		96
49) Acenaphthylene	14.32	152	1137416	39.860	ng		99
50) Dimethylphthalate	14.05	163	923925	37.973	ng		99
51) 2,6-Dinitrotoluene	14.16	165	213603	38.841	ng		99
52) Acenaphthene	14.66	154	808310	40.393	ng		97
53) 3-Nitroaniline	14.49	138	171302	27.430	ng		98
54) 2,4-Dinitrophenol	14.69	184	174902	63.632	ng		98
55) Dibenzofuran	14.99	168	1093321	39.688	ng		100
56) 4-Nitrophenol	14.80	139	395607	82.666	ng		96
57) 2,4-Dinitrotoluene	14.95	165	296883	39.674	ng		93
58) Fluorene	15.64	166	869725	39.833	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.22	232	243558	39.738	ng		98
60) Diethylphthalate	15.42	149	947035	38.915	ng		99
61) 4-Chlorophenyl-phenylether	15.63	204	453270	38.231	ng		98
62) 4-Nitroaniline	15.65	138	226400	36.711	ng		98
63) Azobenzene	15.93	77	903073	40.014	ng		98
65) 4,6-Dinitro-2-methylphenol	15.72	198	148666	39.615	ng		99
66) n-Nitrosodiphenylamine	15.85	169	821190	37.469	ng		99
67) 4-Bromophenyl-phenylether	16.53	248	296448	35.416	ng		99
68) Hexachlorobenzene	16.65	284	312166	34.611	ng		98
69) Atrazine	16.80	200	306424	43.012	ng		99
70) Pentachlorophenol	16.99	266	336528	67.686	ng		97
71) Phenanthrene	17.38	178	1372748	38.455	ng		99
72) Anthracene	17.47	178	1416556	40.153	ng		99
73) Carbazole	17.74	167	1283068	39.372	ng		99
74) Di-n-butylphthalate	18.31	149	1584990	38.094	ng		99
75) Fluoranthene	19.39	202	1561651	38.252	ng		98
77) Benzidine	19.56	184	688952	42.926	ng		98
78) Pyrene	19.75	202	1562664	37.493	ng		98
80) Butylbenzylphthalate	20.64	149	733190	36.950	ng		100
81) Benzo(a)anthracene	21.57	228	1522611	38.457	ng		99
82) 3,3'-Dichlorobenzidine	21.48	252	482870	30.870	ng		100
83) Chrysene	21.63	228	1445630	38.426	ng		98
84) Bis(2-ethylhexyl)phthalate	21.50	149	1034912	37.799	ng		98
85) Di-n-octyl phthalate	22.68	149	1789375	38.875	ng		98
86) Indeno(1,2,3-cd)pyrene	28.25	276	1820038	35.598	ng	#	88
88) Benzo(b)fluoranthene	23.73	252	1596023	37.899	ng		98
89) Benzo(k)fluoranthene	23.79	252	1580488	39.466	ng		100
90) Benzo(a)pyrene	24.57	252	1491098	37.515	ng		98
91) Dibenzo(a,h)anthracene	28.32	278	1495570	37.466	ng		97
92) Benzo(g,h,i)perylene	29.36	276	1446110	36.471	ng		96

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

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