Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031020\
Data File : BG044716.D
Acq On : 10 Mar 2020 16:33
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ICVBG031020

Manual Integrations APPROVED
mohammad
3/11/2020 4:57:02 PM

Quant Time: Mar 10 18:15:12 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 16:27:39 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	106286	20.00	ng		0.01
21) Naphthalene-d8	10.87	136	426478	20.00	ng		0.00
39) Acenaphthene-d10	14.70	164	284748	20.00	ng		0.00
64) Phenanthrene-d10	17.44	188	632384	20.00	ng		0.00
76) Chrysene-d12	21.71	240	539391	20.00	ng		0.00
87) Perylene-d12	24.94	264	624503	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	531535	77.85	ng		0.00
7) Phenol-d6	7.22	99	766569	77.27	ng		0.00
23) Nitrobenzene-d5	9.22	82	749947	77.16	ng		0.00
42) 2,4,6-Tribromophenol	16.18	330	288463	77.37	ng		0.00
45) 2-Fluorobiphenyl	13.32	172	1548750	77.89	ng		0.00
79) Terphenyl-d14	20.06	244	2183448	75.72	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	125618	38.206	ng		99
3) Pyridine	3.93	79	383429	39.393	ng		99
4) n-Nitrosodimethylamine	3.84	42	145931	39.515	ng		90
6) Aniline	7.38	93	476068	38.567	ng		98
8) 2-Chlorophenol	7.63	128	261985	38.438	ng		99
9) Benzaldehyde	7.20	77	227088	36.732	ng		95
10) Phenol	7.24	94	379292	38.620	ng		99
11) bis(2-Chloroethyl)ether	7.48	93	299049	38.153	ng		98
12) 1,3-Dichlorobenzene	7.96	146	319461	38.049	ng		100
13) 1,4-Dichlorobenzene	8.10	146	319223	38.458	ng		98
14) 1,2-Dichlorobenzene	8.42	146	303552	38.560	ng		95
15) Benzyl Alcohol	8.30	79	311728	39.165	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.60	45	521047	37.669	ng		99
17) 2-Methylphenol	8.50	107	257678	38.733	ng		91
18) Hexachloroethane	9.16	117	125380	38.367	ng		97
19) n-Nitroso-di-n-propylamine	8.88	70	270032	38.550	ng		97
20) 3+4-Methylphenols	8.83	107	350190	38.186	ng		99
22) Acetophenone	8.89	105	452722	37.470	ng	#	98
24) Nitrobenzene	9.26	77	387197	38.395	ng		99
25) Isophorone	9.80	82	715388	37.715	ng		99
26) 2-Nitrophenol	9.98	139	132816	39.093	ng		95
27) 2,4-Dimethylphenol	10.04	122	237347	38.424	ng		99
28) bis(2-Chloroethoxy)methane	10.28	93	441431	38.996	ng		97
29) 2,4-Dichlorophenol	10.51	162	279286	38.709	ng		98
30) 1,2,4-Trichlorobenzene	10.74	180	332859	38.583	ng		96
31) Naphthalene	10.93	128	894003	37.842	ng		99
32) Benzoic acid	10.17	122	186366	40.596	ng		99
33) 4-Chloroaniline	11.02	127	399841	37.566	ng		99
34) Hexachlorobutadiene	11.23	225	220053	38.788	ng		99
35) Caprolactam	11.80	113	109762	40.181	ng		94
36) 4-Chloro-3-methylphenol	12.14	107	331442	38.518	ng		98
37) 2-Methylnaphthalene	12.53	142	675265	38.210	ng		98
38) 1-Methylnaphthalene	12.75	142	636122	38.288	ng		96
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	358719	38.253	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.89	237	194180	37.889	ng	95
43) 2,4,6-Trichlorophenol	13.13	196	245357	39.425	ng	98
44) 2,4,5-Trichlorophenol	13.20	196	255488	39.585	ng	94
46) 1,1'-Biphenyl	13.53	154	874902	38.449	ng	97
47) 2-Chloronaphthalene	13.58	162	662671	38.122	ng	99
48) 2-Nitroaniline	13.76	65	237908	39.093	ng	98
49) Acenaphthylene	14.42	152	1038576	38.137	ng	99
50) Dimethylphthalate	14.15	163	874856	38.576	ng	99
51) 2,6-Dinitrotoluene	14.26	165	181018	39.598	ng	99
52) Acenaphthene	14.76	154	685227	38.421	ng	98
53) 3-Nitroaniline	14.59	138	203993	38.814	ng	98
54) 2,4-Dinitrophenol	14.79	184	78561	37.789	ng	93
55) Dibenzofuran	15.10	168	1000903	38.700	ng	99
56) 4-Nitrophenol	14.89	139	160831	40.097	ng	93
57) 2,4-Dinitrotoluene	15.04	165	248495	39.635	ng	97
58) Fluorene	15.74	166	808648	38.009	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.32	232	232990m	39.210	ng	
60) Diethylphthalate	15.52	149	905492	38.281	ng	99
61) 4-Chlorophenyl-phenylether	15.74	204	430711	37.598	ng	100
62) 4-Nitroaniline	15.75	138	213822	38.154	ng	98
63) Azobenzene	16.03	77	929124	37.825	ng	99
65) 4,6-Dinitro-2-methylphenol	15.81	198	109178	38.509	ng	92
66) n-Nitrosodiphenylamine	15.95	169	724079	38.031	ng	99
67) 4-Bromophenyl-phenylether	16.63	248	301292	38.111	ng	96
68) Hexachlorobenzene	16.75	284	322601	37.613	ng	98
69) Atrazine	16.90	200	272459	39.060	ng	98
70) Pentachlorophenol	17.09	266	188543	39.953	ng	99
71) Phenanthrene	17.48	178	1289806	38.167	ng	100
72) Anthracene	17.58	178	1275866	38.289	ng	99
73) Carbazole	17.84	167	1212364	37.876	ng	99
74) Di-n-butylphthalate	18.42	149	1503691	38.645	ng	99
75) Fluoranthene	19.49	202	1541400	38.308	ng	98
77) Benzidine	19.66	184	671280	38.335	ng	97
78) Pyrene	19.85	202	1543692	39.008	ng	99
80) Butylbenzylphthalate	20.74	149	686500	38.994	ng	97
81) Benzo(a)anthracene	21.70	228	1470496	37.860	ng	99
82) 3,3'-Dichlorobenzidine	21.61	252	565258	37.619	ng	100
83) Chrysene	21.76	228	1422501	38.341	ng	99
84) Bis(2-ethylhexyl)phthalate	21.63	149	941098	38.732	ng	98
85) Di-n-octyl phthalate	22.86	149	1598207	39.307	ng	99
86) Indeno(1,2,3-cd)pyrene	28.61	276	1799810	37.002	ng	99
88) Benzo(b)fluoranthene	23.92	252	1554805	37.712	ng	99
89) Benzo(k)fluoranthene	23.99	252	1523590	39.050	ng	99
90) Benzo(a)pyrene	24.79	252	1486493	38.533	ng	98
91) Dibenzo(a,h)anthracene	28.69	278	1437577	37.772	ng	98
92) Benzo(g,h,i)perylene	29.74	276	1437953	37.396	ng	98

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

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