Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070620\
Data File : BG045951.D
Acq On : 6 Jul 2020 22:23
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ICVBG070620

Manual Integrations APPROVED
mohammad
7/7/2020 12:03:38 PM

Quant Time: Jul 07 10:06:43 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG070620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 07 09:58:42 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	150590	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	579703	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	340309	20.00	ng	0.00
64) Phenanthrene-d10	17.37	188	703964	20.00	ng	0.00
76) Chrysene-d12	21.63	240	630066	20.00	ng	0.00
86) Perylene-d12	24.79	264	665136	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	734940	79.14	ng	0.00
7) Phenol-d6	7.17	99	1068099	79.89	ng	0.00
23) Nitrobenzene-d5	9.16	82	904988	89.86	ng	0.00
42) 2,4,6-Tribromophenol	16.12	330	275960	87.37	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	1743857	79.93	ng	0.00
79) Terphenyl-d14	19.99	244	2226171	78.63	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.51	88	170963	39.905	ng	96
3) Pyridine	3.90	79	524303	40.473	ng	99
4) n-Nitrosodimethylamine	3.82	42	183448	41.879	ng	97
6) Aniline	7.33	93	684106	40.000	ng	100
8) 2-Chlorophenol	7.58	128	395946	39.609	ng	98
9) Benzaldehyde	7.14	77	318882	37.646	ng	96
10) Phenol	7.19	94	538135	40.126	ng	98
11) bis(2-Chloroethyl)ether	7.43	93	447463	40.349	ng	99
12) 1,3-Dichlorobenzene	7.90	146	454385	39.436	ng	99
13) 1,4-Dichlorobenzene	8.05	146	448386	39.559	ng	100
14) 1,2-Dichlorobenzene	8.36	146	427631	39.200	ng	97
15) Benzyl Alcohol	8.24	79	421171	40.178	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.54	45	593634	41.027	ng	97
17) 2-Methylphenol	8.45	107	398578	39.608	ng	97
18) Hexachloroethane	9.10	117	175737	40.295	ng	97
19) n-Nitroso-di-n-propylamine	8.82	70	373296	39.746	ng	99
20) 3+4-Methylphenols	8.77	107	547274	39.904	ng	97
22) Acetophenone	8.83	105	617633	39.881	ng	98
24) Nitrobenzene	9.20	77	495722	44.594	ng	98
25) Isophorone	9.73	82	990209	40.273	ng	100
26) 2-Nitrophenol	9.91	139	176412	48.688	ng	96
27) 2,4-Dimethylphenol	9.98	122	351425	40.155	ng	98
28) bis(2-Chloroethoxy)methane	10.21	93	557659	40.390	ng	100
29) 2,4-Dichlorophenol	10.45	162	376024	41.505	ng	98
30) 1,2,4-Trichlorobenzene	10.67	180	404937	40.340	ng	99
31) Naphthalene	10.86	128	1236202	39.779	ng	100
32) Benzoic acid	10.12	122	226748	43.179	ng	92
33) 4-Chloroaniline	10.95	127	547736	39.442	ng	98
34) Hexachlorobutadiene	11.16	225	238574	40.704	ng	97
35) Caprolactam	11.72	113	139276	40.491	ng	95
36) 4-Chloro-3-methylphenol	12.08	107	418233	40.532	ng	99
37) 2-Methylnaphthalene	12.46	142	886333	40.121	ng	98
38) 1-Methylnaphthalene	12.68	142	827929	39.712	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.83	216	397970	41.485	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	238537	41.906	ng		99
43) 2,4,6-Trichlorophenol	13.06	196	281261	43.352	ng		97
44) 2,4,5-Trichlorophenol	13.13	196	315480	43.007	ng		98
46) 1,1'-Biphenyl	13.47	154	1033637	40.376	ng		99
47) 2-Chloronaphthalene	13.51	162	813740	40.287	ng		99
48) 2-Nitroaniline	13.70	65	257735	45.690	ng		98
49) Acenaphthylene	14.36	152	1303774	40.006	ng		100
50) Dimethylphthalate	14.09	163	1021094	39.981	ng		99
51) 2,6-Dinitrotoluene	14.20	165	201681	44.417	ng		97
52) Acenaphthene	14.70	154	833952	40.570	ng		98
53) 3-Nitroaniline	14.53	138	241566	43.403	ng	#	93
54) 2,4-Dinitrophenol	14.73	184	73376	45.770	ng		93
55) Dibenzofuran	15.03	168	1201625	39.879	ng		99
56) 4-Nitrophenol	14.83	139	189596	45.566	ng		98
57) 2,4-Dinitrotoluene	14.98	165	262092	44.981	ng	#	98
58) Fluorene	15.68	166	979664	39.633	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.25	232	246355m	43.498	ng		
60) Diethylphthalate	15.46	149	1051225	39.248	ng		99
61) 4-Chlorophenyl-phenylether	15.68	204	488096	39.691	ng		99
62) 4-Nitroaniline	15.69	138	250412	47.440	ng		95
63) Azobenzene	15.96	77	1145595	39.851	ng		100
65) 4,6-Dinitro-2-methylphenol	15.75	198	107600	44.902	ng		96
66) n-Nitrosodiphenylamine	15.88	169	865436	39.672	ng		98
67) 4-Bromophenyl-phenylether	16.57	248	317618	40.398	ng		97
68) Hexachlorobenzene	16.69	284	319961	40.555	ng		98
69) Atrazine	16.83	200	263466	40.849	ng		98
70) Pentachlorophenol	17.02	266	203109	46.303	ng		98
71) Phenanthrene	17.42	178	1474632	39.623	ng		99
72) Anthracene	17.50	178	1500111	39.718	ng		100
73) Carbazole	17.77	167	1495160	39.494	ng		99
74) Di-n-butylphthalate	18.35	149	1785989	39.040	ng		100
75) Fluoranthene	19.42	202	1703659	39.599	ng		99
77) Benzidine	19.60	184	684572	38.000	ng		99
78) Pyrene	19.78	202	1735869	40.361	ng		100
80) Butylbenzylphthalate	20.68	149	843475	41.501	ng		96
81) Benzo(a)anthracene	21.62	228	1629724	39.338	ng		100
82) 3,3'-Dichlorobenzidine	21.53	252	615482	40.205	ng		98
83) Chrysene	21.68	228	1558786	39.495	ng		98
84) Bis(2-ethylhexyl)phthalate	21.56	149	1171871	39.722	ng		99
85) Di-n-octyl phthalate	22.76	149	2039485	39.836	ng		100
87) Indeno(1,2,3-cd)pyrene	28.38	276	2017607	41.464	ng		100
88) Benzo(b)fluoranthene	23.80	252	1732089	41.022	ng		99
89) Benzo(k)fluoranthene	23.87	252	1631456	40.863	ng		100
90) Benzo(a)pyrene	24.65	252	1631396	41.089	ng		99
91) Dibenzo(a,h)anthracene	28.45	278	1600925	40.791	ng		98
92) Benzo(g,h,i)perylene	29.49	276	1611514	40.802	ng		99

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

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