Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070620\
Data File : BG045947.D
Acq On : 6 Jul 2020 19:41
Operator : CG/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED
mohammad
7/7/2020 12:03:27 PM

Quant Time: Jul 07 01:09:06 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 00:57:59 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	141749	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	549264	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	339291	20.00	ng	0.00
64) Phenanthrene-d10	17.37	188	686362	20.00	ng	0.00
76) Chrysene-d12	21.63	240	610501	20.00	ng	0.00
86) Perylene-d12	24.79	264	637539	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	676192	80.58	ng	0.00
7) Phenol-d6	7.17	99	986315	77.27	ng	0.00
23) Nitrobenzene-d5	9.16	82	766608	63.76	ng	0.00
42) 2,4,6-Tribromophenol	16.12	330	257207	50.21	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	1677785	72.67	ng	0.00
79) Terphenyl-d14	19.99	244	2136816	70.93	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.52	88	159292	41.447	ng	100
3) Pyridine	3.90	79	484517	42.543	ng	100
4) n-Nitrosodimethylamine	3.82	42	170034	44.479	ng	100
6) Aniline	7.33	93	635391	42.278	ng	100
8) 2-Chlorophenol	7.58	128	366089	40.758	ng	100
9) Benzaldehyde	7.14	77	276468	36.062	ng	100
10) Phenol	7.19	94	492053	39.786	ng	100
11) bis(2-Chloroethyl)ether	7.43	93	405575	43.175	ng	100
12) 1,3-Dichlorobenzene	7.90	146	421900	39.416	ng	100
13) 1,4-Dichlorobenzene	8.05	146	419344	39.222	ng	100
14) 1,2-Dichlorobenzene	8.36	146	402157	39.291	ng	100
15) Benzyl Alcohol	8.24	79	390742	39.559	ng	100
16) 2,2'-oxybis(1-Chloropropan	8.55	45	538872	60.867	ng	100
17) 2-Methylphenol	8.45	107	376178	40.872	ng	100
18) Hexachloroethane	9.10	117	161061	39.664	ng	100
19) n-Nitroso-di-n-propylamine	8.82	70	347171	41.372	ng	100
20) 3+4-Methylphenols	8.77	107	517246	42.732	ng	100
22) Acetophenone	8.83	105	585179	38.816	ng	100
24) Nitrobenzene	9.20	77	432177	33.712	ng	100
25) Isophorone	9.73	82	944158	40.564	ng	100
26) 2-Nitrophenol	9.91	139	134131	25.114	ng	100
27) 2,4-Dimethylphenol	9.98	122	335486	41.143	ng	100
28) bis(2-Chloroethoxy)methane	10.21	93	528234	43.447	ng	100
29) 2,4-Dichlorophenol	10.45	162	347671	36.545	ng	100
30) 1,2,4-Trichlorobenzene	10.67	180	378957	33.648	ng	100
31) Naphthalene	10.86	128	1168249	38.904	ng	100
32) Benzoic acid	10.11	122	187937m	40.309	ng	
33) 4-Chloroaniline	10.95	127	528750	42.047	ng	100
34) Hexachlorobutadiene	11.16	225	219752	27.436	ng	100
35) Caprolactam	11.73	113	133333	43.310	ng	100
36) 4-Chloro-3-methylphenol	12.08	107	398126	36.245	ng	100
37) 2-Methylnaphthalene	12.46	142	843325	37.714	ng	100
38) 1-Methylnaphthalene	12.68	142	793870	37.517	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.83	216	372248	33.320	ng	100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	223713	44.126 ng	100
43) 2,4,6-Trichlorophenol	13.06	196	256259	33.831 ng	100
44) 2,4,5-Trichlorophenol	13.13	196	291792	33.800 ng	100
46) 1,1'-Biphenyl	13.47	154	996414	41.019 ng	100
47) 2-Chloronaphthalene	13.51	162	783574	39.933 ng	100
48) 2-Nitroaniline	13.70	65	213496	32.710 ng	100
49) Acenaphthylene	14.36	152	1271873	40.467 ng	100
50) Dimethylphthalate	14.09	163	995852	37.466 ng	100
51) 2,6-Dinitrotoluene	14.20	165	170451	28.552 ng	100
52) Acenaphthene	14.70	154	808386	42.433 ng	100
53) 3-Nitroaniline	14.53	138	216467	36.302 ng	100
54) 2,4-Dinitrophenol	14.73	184	58995	22.888 ng	100
55) Dibenzofuran	15.03	168	1169679	37.794 ng	100
56) 4-Nitrophenol	14.83	139	166214	43.262 ng	100
57) 2,4-Dinitrotoluene	14.98	165	219665	25.681 ng	100
58) Fluorene	15.68	166	966187	37.544 ng	100
59) 2,3,4,6-Tetrachlorophenol	15.25	232	228815m	30.538 ng	
60) Diethylphthalate	15.46	149	1043388	38.400 ng	100
61) 4-Chlorophenyl-phenylether	15.68	204	476244	32.108 ng	100
62) 4-Nitroaniline	15.69	138	217160	35.484 ng	100
63) Azobenzene	15.97	77	1121576	42.989 ng	100
65) 4,6-Dinitro-2-methylphenol	15.75	198	83484	19.682 ng	100
66) n-Nitrosodiphenylamine	15.88	169	854019	43.930 ng	100
67) 4-Bromophenyl-phenylether	16.57	248	314897	35.309 ng	100
68) Hexachlorobenzene	16.69	284	305773	33.064 ng	100
69) Atrazine	16.83	200	257325	34.111 ng	100
70) Pentachlorophenol	17.02	266	183538	48.345 ng	100
71) Phenanthrene	17.42	178	1453070	41.049 ng	100
72) Anthracene	17.51	178	1467624	41.635 ng	100
73) Carbazole	17.77	167	1480113	44.099 ng	100
74) Di-n-butylphthalate	18.35	149	1748762	44.004 ng	100
75) Fluoranthene	19.43	202	1656249	38.050 ng	100
77) Benzidine	19.60	184	703250	44.310 ng	100
78) Pyrene	19.78	202	1670403	40.860 ng	100
80) Butylbenzylphthalate	20.69	149	804694	47.026 ng	100
81) Benzo(a)anthracene	21.62	228	1572891	39.738 ng	100
82) 3,3'-Dichlorobenzidine	21.53	252	588435	39.303 ng	100
83) Chrysene	21.68	228	1515471	39.585 ng	100
84) Bis(2-ethylhexyl)phthalate	21.56	149	1125487	47.286 ng	100
85) Di-n-octyl phthalate	22.76	149	1972004	48.031 ng	100
87) Indeno(1,2,3-cd)pyrene	28.38	276	1898677	41.080 ng	100
88) Benzo(b)fluoranthene	23.80	252	1639739	41.021 ng	100
89) Benzo(k)fluoranthene	23.87	252	1562113	40.831 ng	100
90) Benzo(a)pyrene	24.65	252	1533496	41.068 ng	100
91) Dibenzo(a,h)anthracene	28.45	278	1511988	40.795 ng	100
92) Benzo(g,h,i)perylene	29.51	276	1530289	41.251 ng	100

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

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