Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120919\
Data File : BG043795.D
Acq On : 9 Dec 2019 18:07
Operator : JU
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ICVBG120919

Manual Integrations APPROVED
mohammad
12/10/2019 11:51:11 AM

Quant Time: Dec 10 01:18:03 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG120919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 09 18:16:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	127420	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	554164	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	392289	20.00	ng	0.00
64) Phenanthrene-d10	17.38	188	878797	20.00	ng	0.00
76) Chrysene-d12	21.64	240	725938	20.00	ng	0.00
87) Perylene-d12	24.79	264	825335	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	550657	81.88	ng	0.00
7) Phenol-d6	7.16	99	780871	80.51	ng	0.00
23) Nitrobenzene-d5	9.16	82	791557	80.20	ng	0.00
42) 2,4,6-Tribromophenol	16.12	330	306852	82.05	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	1769438	79.23	ng	0.00
79) Terphenyl-d14	19.99	244	2459916	81.52	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.49	88	123992	39.815	ng	99
3) Pyridine	3.88	79	375079	43.585	ng	99
4) n-Nitrosodimethylamine	3.79	42	163817	39.703	ng	100
6) Aniline	7.33	93	511705	39.874	ng	98
8) 2-Chlorophenol	7.57	128	310764	39.653	ng	96
9) Benzaldehyde	7.14	77	220971	41.921	ng	90
10) Phenol	7.19	94	400078	39.955	ng	100
11) bis(2-Chloroethyl)ether	7.42	93	330453	38.893	ng	97
12) 1,3-Dichlorobenzene	7.90	146	372085	39.618	ng	99
13) 1,4-Dichlorobenzene	8.04	146	365923	38.979	ng	99
14) 1,2-Dichlorobenzene	8.36	146	354007	39.139	ng	99
15) Benzyl Alcohol	8.23	79	312873	40.536	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.54	45	532654	39.116	ng	99
17) 2-Methylphenol	8.44	107	283374	39.646	ng	99
18) Hexachloroethane	9.10	117	135733	39.789	ng	98
19) n-Nitroso-di-n-propylamine	8.82	70	292254	39.415	ng	99
20) 3+4-Methylphenols	8.77	107	401589	40.350	ng	97
22) Acetophenone	8.82	105	537376	38.883	ng	99
24) Nitrobenzene	9.20	77	393174	39.109	ng	97
25) Isophorone	9.73	82	776914	39.414	ng	99
26) 2-Nitrophenol	9.91	139	155477	41.022	ng	96
27) 2,4-Dimethylphenol	9.97	122	280817	40.315	ng	100
28) bis(2-Chloroethoxy)methane	10.21	93	488940	38.751	ng	97
29) 2,4-Dichlorophenol	10.45	162	342101	39.994	ng	99
30) 1,2,4-Trichlorobenzene	10.67	180	393551	38.867	ng	99
31) Naphthalene	10.86	128	1044514	39.281	ng	99
32) Benzoic acid	10.10	122	211909	44.530	ng	97
33) 4-Chloroaniline	10.95	127	507417	39.358	ng	99
34) Hexachlorobutadiene	11.16	225	234972	38.299	ng	97
35) Caprolactam	11.72	113	138889	41.373	ng	99
36) 4-Chloro-3-methylphenol	12.08	107	368099	39.973	ng	97
37) 2-Methylnaphthalene	12.46	142	813260	39.460	ng	100
38) 1-Methylnaphthalene	12.68	142	775259	39.558	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.83	216	447751	37.984	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	205398	37.123	ng		99
43) 2,4,6-Trichlorophenol	13.06	196	303352	40.488	ng		99
44) 2,4,5-Trichlorophenol	13.13	196	317479	40.446	ng		98
46) 1,1'-Biphenyl	13.47	154	1051078	38.864	ng		98
47) 2-Chloronaphthalene	13.51	162	847797	38.345	ng		98
48) 2-Nitroaniline	13.70	65	275725	42.286	ng		97
49) Acenaphthylene	14.36	152	1285395	39.028	ng		98
50) Dimethylphthalate	14.09	163	1124017	40.144	ng		99
51) 2,6-Dinitrotoluene	14.20	165	247595	41.034	ng		99
52) Acenaphthene	14.70	154	850959	39.275	ng		98
53) 3-Nitroaniline	14.52	138	284474	41.198	ng		98
54) 2,4-Dinitrophenol	14.73	184	88444	44.540	ng		96
55) Dibenzofuran	15.03	168	1281210	39.948	ng		99
56) 4-Nitrophenol	14.82	139	215958	42.870	ng		97
57) 2,4-Dinitrotoluene	14.99	165	341391	41.872	ng		94
58) Fluorene	15.68	166	1027211	39.736	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.26	232	287061m	40.759	ng		
60) Diethylphthalate	15.46	149	1119388	40.024	ng		100
61) 4-Chlorophenyl-phenylether	15.68	204	565819	39.082	ng		98
62) 4-Nitroaniline	15.68	138	289742	40.498	ng		99
63) Azobenzene	15.97	77	1013766	39.456	ng		99
65) 4,6-Dinitro-2-methylphenol	15.75	198	127331	39.623	ng		98
66) n-Nitrosodiphenylamine	15.88	169	953755	39.048	ng		100
67) 4-Bromophenyl-phenylether	16.57	248	357634	38.065	ng		98
68) Hexachlorobenzene	16.69	284	379027	38.036	ng		99
69) Atrazine	16.84	200	295506	37.951	ng		98
70) Pentachlorophenol	17.02	266	222206	41.920	ng		98
71) Phenanthrene	17.42	178	1644171	39.521	ng		99
72) Anthracene	17.51	178	1645224	39.950	ng		99
73) Carbazole	17.77	167	1510290	39.232	ng		99
74) Di-n-butylphthalate	18.35	149	1780960	40.356	ng		100
75) Fluoranthene	19.42	202	1867608	39.223	ng		99
77) Benzidine	19.60	184	698725	44.119	ng		96
78) Pyrene	19.79	202	1883674	39.706	ng		99
80) Butylbenzylphthalate	20.68	149	831309	42.074	ng		96
81) Benzo(a)anthracene	21.61	228	1825570	39.845	ng		99
82) 3,3'-Dichlorobenzidine	21.52	252	674972	39.879	ng		99
83) Chrysene	21.68	228	1751954	40.135	ng		99
84) Bis(2-ethylhexyl)phthalate	21.55	149	1162435	41.017	ng		99
85) Di-n-octyl phthalate	22.75	149	1972125	42.566	ng		100
86) Indeno(1,2,3-cd)pyrene	28.38	276	2167875	38.802	ng	#	93
88) Benzo(b)fluoranthene	23.79	252	1865143	39.250	ng		100
89) Benzo(k)fluoranthene	23.86	252	1813117	39.498	ng		100
90) Benzo(a)pyrene	24.64	252	1773515	39.163	ng		100
91) Dibenzo(a,h)anthracene	28.45	278	1750721	38.704	ng		100
92) Benzo(g,h,i)perylene	29.49	276	1721132	38.558	ng		100

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

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