Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010620\
Data File : BG043938.D
Acq On : 6 Jan 2020 19:34
Operator : JU
Sample : IDOC-S-01-CG
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : IDOC-S-01-CG

Manual Integrations APPROVED
mohammad
1/7/2020 12:30:44 PM

Quant Time: Jan 07 06:44:11 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	7.96	152	120195	20.00	ng		0.00
21) Naphthalene-d8	10.76	136	532536	20.00	ng		0.00
39) Acenaphthene-d10	14.60	164	349091	20.00	ng		0.00
64) Phenanthrene-d10	17.33	188	772360	20.00	ng		0.00
76) Chrysene-d12	21.59	240	668501	20.00	ng		0.00
87) Perylene-d12	24.71	264	757583	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.54	112	879508	134.36	ng		0.00
7) Phenol-d6	7.13	99	1153817	126.10	ng		0.00
23) Nitrobenzene-d5	9.11	82	724552	72.78	ng		0.00
42) 2,4,6-Tribromophenol	16.08	330	435554	119.23	ng		0.00
45) 2-Fluorobiphenyl	13.21	172	1574173	81.70	ng		0.00
79) Terphenyl-d14	19.95	244	2218905	78.36	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.43	88	114949	40.273	ng		98
3) Pyridine	3.83	79	286412	33.968	ng		93
4) n-Nitrosodimethylamine	3.74	42	150531	40.098	ng		98
6) Aniline	7.28	93	384196	31.967	ng		99
8) 2-Chlorophenol	7.53	128	360390	46.895	ng		99
9) Benzaldehyde	7.09	77	216006	36.884	ng		99
10) Phenol	7.16	94	451031	47.841	ng		99
11) bis(2-Chloroethyl)ether	7.38	93	338756	41.626	ng		99
12) 1,3-Dichlorobenzene	7.85	146	367938	40.914	ng		100
13) 1,4-Dichlorobenzene	8.00	146	370929	41.803	ng		99
14) 1,2-Dichlorobenzene	8.31	146	353619	41.519	ng		98
15) Benzyl Alcohol	8.20	79	313300	43.383	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.49	45	478436	38.000	ng		99
17) 2-Methylphenol	8.41	107	315475	46.241	ng		98
18) Hexachloroethane	9.05	117	140217	40.611	ng		96
19) n-Nitroso-di-n-propylamine	8.77	70	270608	39.711	ng		98
20) 3+4-Methylphenols	8.73	107	432880	45.482	ng		99
22) Acetophenone	8.78	105	500116	37.775	ng	#	99
24) Nitrobenzene	9.15	77	387021	39.254	ng		99
25) Isophorone	9.68	82	732402	39.216	ng		98
26) 2-Nitrophenol	9.87	139	195195	41.846	ng		98
27) 2,4-Dimethylphenol	9.94	122	349025	49.707	ng		97
28) bis(2-Chloroethoxy)methane	10.17	93	470300	37.772	ng		98
29) 2,4-Dichlorophenol	10.41	162	361247	43.131	ng		99
30) 1,2,4-Trichlorobenzene	10.63	180	363174	38.672	ng		99
31) Naphthalene	10.81	128	1060062	41.135	ng		100
32) Benzoic acid	10.07	122	137668	27.197	ng		95
33) 4-Chloroaniline	10.91	127	277211	22.553	ng		99
34) Hexachlorobutadiene	11.11	225	209346	36.511	ng		99
35) Caprolactam	11.68	113	132637m	42.539	ng		
36) 4-Chloro-3-methylphenol	12.05	107	384923	43.170	ng		98
37) 2-Methylnaphthalene	12.42	142	798475	41.155	ng		98
38) 1-Methylnaphthalene	12.64	142	757159	41.177	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.79	216	380238	37.162	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.78	237	493244	92.984	ng	99
43) 2,4,6-Trichlorophenol	13.03	196	280642	39.862	ng	97
44) 2,4,5-Trichlorophenol	13.10	196	307979	42.414	ng	99
46) 1,1'-Biphenyl	13.43	154	999510	39.934	ng	99
47) 2-Chloronaphthalene	13.47	162	782013	38.665	ng	99
48) 2-Nitroaniline	13.66	65	247916	38.106	ng	100
49) Acenaphthylene	14.31	152	1230164	42.318	ng	99
50) Dimethylphthalate	14.05	163	1005144	40.552	ng	99
51) 2,6-Dinitrotoluene	14.16	165	230261	41.100	ng	96
52) Acenaphthene	14.65	154	873665	42.856	ng	97
53) 3-Nitroaniline	14.49	138	186512	29.317	ng	99
54) 2,4-Dinitrophenol	14.69	184	187888	66.801	ng	95
55) Dibenzofuran	14.99	168	1178607	41.997	ng	100
56) 4-Nitrophenol	14.80	139	442460	90.756	ng	99
57) 2,4-Dinitrotoluene	14.95	165	322024	42.243	ng	97
58) Fluorene	15.64	166	935694	42.066	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.22	232	263842	42.256	ng	99
60) Diethylphthalate	15.41	149	1023488	41.284	ng	99
61) 4-Chlorophenyl-phenylether	15.64	204	487463	40.359	ng	99
62) 4-Nitroaniline	15.65	138	251424	40.019	ng	95
63) Azobenzene	15.92	77	964841	41.965	ng	99
65) 4,6-Dinitro-2-methylphenol	15.71	198	160102	40.943	ng	99
66) n-Nitrosodiphenylamine	15.85	169	891284	39.186	ng	100
67) 4-Bromophenyl-phenylether	16.53	248	319580	36.790	ng	99
68) Hexachlorobenzene	16.65	284	339115	36.230	ng	95
69) Atrazine	16.80	200	342073	46.268	ng	99
70) Pentachlorophenol	16.99	266	369861	71.681	ng	98
71) Phenanthrene	17.38	178	1489897	40.217	ng	99
72) Anthracene	17.47	178	1533789	41.893	ng	99
73) Carbazole	17.73	167	1403974	41.514	ng	100
74) Di-n-butylphthalate	18.30	149	1727139	39.999	ng	99
75) Fluoranthene	19.38	202	1709341	40.345	ng	99
77) Benzidine	19.56	184	880450	52.398	ng	99
78) Pyrene	19.74	202	1723195	39.490	ng	99
80) Butylbenzylphthalate	20.64	149	806907	38.841	ng	98
81) Benzo(a)anthracene	21.56	228	1667582	40.229	ng	98
82) 3,3'-Dichlorobenzidine	21.48	252	508153	31.029	ng	99
83) Chrysene	21.63	228	1579785	40.109	ng	98
84) Bis(2-ethylhexyl)phthalate	21.49	149	1131884	39.487	ng	99
85) Di-n-octyl phthalate	22.68	149	1962581	40.726	ng	99
86) Indeno(1,2,3-cd)pyrene	28.26	276	2065844	38.594	ng	99
88) Benzo(b)fluoranthene	23.73	252	1748798	39.048	ng	99
89) Benzo(k)fluoranthene	23.79	252	1745480	40.984	ng	98
90) Benzo(a)pyrene	24.57	252	1648509	38.999	ng	99
91) Dibenzo(a,h)anthracene	28.32	278	1676153	39.483	ng	97
92) Benzo(g,h,i)perylene	29.35	276	1683034	39.912	ng	98

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

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