Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010620\
Data File : BG043945.D
Acq On : 7 Jan 2020 00:08
Operator : JU
Sample : IDOC-W-04-CG
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
IDOC-W-04-CG

Manual Integrations APPROVED
mohammad
1/7/2020 12:31:03 PM

Quant Time: Jan 07 07:19:39 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	116511	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	506432	20.00	ng	0.00
39) Acenaphthene-d10	14.59	164	331842	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	723201	20.00	ng	0.00
76) Chrysene-d12	21.58	240	631241	20.00	ng	0.00
87) Perylene-d12	24.71	264	716232	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	856876	135.04	ng	0.00
7) Phenol-d6	7.13	99	1125258	126.86	ng	0.00
23) Nitrobenzene-d5	9.12	82	724098	76.49	ng	0.00
42) 2,4,6-Tribromophenol	16.08	330	426446	122.80	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	1546312	84.42	ng	0.00
79) Terphenyl-d14	19.95	244	2189989	83.17	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.43	88	117895	42.611	ng	99
3) Pyridine	3.82	79	294694	36.055	ng	96
4) n-Nitrosodimethylamine	3.73	42	156353	42.966	ng	99
6) Aniline	7.28	93	389521	33.435	ng	97
8) 2-Chlorophenol	7.53	128	366358	49.179	ng	96
9) Benzaldehyde	7.09	77	219702	38.701	ng	99
10) Phenol	7.15	94	457975	50.113	ng	99
11) bis(2-Chloroethyl)ether	7.38	93	341704	43.316	ng	99
12) 1,3-Dichlorobenzene	7.85	146	379804	43.568	ng	98
13) 1,4-Dichlorobenzene	7.99	146	379862	44.163	ng	99
14) 1,2-Dichlorobenzene	8.32	146	366450	44.386	ng	99
15) Benzyl Alcohol	8.19	79	315754	45.106	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.49	45	488911	40.060	ng	100
17) 2-Methylphenol	8.41	107	324547	49.075	ng	99
18) Hexachloroethane	9.05	117	145100	43.354	ng	97
19) n-Nitroso-di-n-propylamine	8.76	70	276967	41.930	ng	96
20) 3+4-Methylphenols	8.73	107	439520	47.640	ng	97
22) Acetophenone	8.78	105	504386	40.061	ng	100
24) Nitrobenzene	9.16	77	391803	41.787	ng	97
25) Isophorone	9.68	82	746386	42.025	ng	100
26) 2-Nitrophenol	9.87	139	205665	46.363	ng	96
27) 2,4-Dimethylphenol	9.94	122	355423	53.227	ng	98
28) bis(2-Chloroethoxy)methane	10.17	93	476209	40.218	ng	99
29) 2,4-Dichlorophenol	10.41	162	368557	46.272	ng	97
30) 1,2,4-Trichlorobenzene	10.63	180	370233	41.456	ng	98
31) Naphthalene	10.81	128	1081191	44.118	ng	99
32) Benzoic acid	10.07	122	142012	28.970	ng	96
33) 4-Chloroaniline	10.91	127	275340	23.556	ng	99
34) Hexachlorobutadiene	11.11	225	212296	38.934	ng	98
35) Caprolactam	11.68	113	134171m	45.249	ng	
36) 4-Chloro-3-methylphenol	12.04	107	384343	45.327	ng	97
37) 2-Methylnaphthalene	12.42	142	814249	44.132	ng	99
38) 1-Methylnaphthalene	12.64	142	763809	43.680	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.79	216	385921	39.678	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.78	237	510022	101.145	ng		98
43) 2,4,6-Trichlorophenol	13.02	196	288892	43.167	ng		100
44) 2,4,5-Trichlorophenol	13.10	196	311951	45.194	ng		98
46) 1,1'-Biphenyl	13.43	154	1012101	42.539	ng		99
47) 2-Chloronaphthalene	13.47	162	791176	41.152	ng		99
48) 2-Nitroaniline	13.66	65	253479	40.987	ng		98
49) Acenaphthylene	14.31	152	1245836	45.084	ng		99
50) Dimethylphthalate	14.05	163	1002189	42.534	ng		99
51) 2,6-Dinitrotoluene	14.16	165	230560	43.293	ng		99
52) Acenaphthene	14.66	154	887158	45.780	ng		98
53) 3-Nitroaniline	14.49	138	184667	30.535	ng		98
54) 2,4-Dinitrophenol	14.69	184	203543	75.363	ng		98
55) Dibenzofuran	14.99	168	1182285	44.318	ng		99
56) 4-Nitrophenol	14.80	139	448617	96.803	ng		99
57) 2,4-Dinitrotoluene	14.94	165	325181	44.874	ng		96
58) Fluorene	15.64	166	935171	44.228	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.22	232	268281	45.200	ng		97
60) Diethylphthalate	15.41	149	1023961	43.450	ng		99
61) 4-Chlorophenyl-phenylether	15.63	204	488836	42.576	ng		99
62) 4-Nitroaniline	15.65	138	252577	42.292	ng		94
63) Azobenzene	15.93	77	960982	43.970	ng		99
65) 4,6-Dinitro-2-methylphenol	15.71	198	166913	45.088	ng		94
66) n-Nitrosodiphenylamine	15.84	169	886552	41.627	ng		100
67) 4-Bromophenyl-phenylether	16.53	248	319301	39.256	ng		98
68) Hexachlorobenzene	16.65	284	345059	39.370	ng		99
69) Atrazine	16.80	200	341164	49.281	ng		100
70) Pentachlorophenol	16.99	266	374034	77.417	ng		99
71) Phenanthrene	17.38	178	1485264	42.817	ng		99
72) Anthracene	17.47	178	1533383	44.728	ng		100
73) Carbazole	17.73	167	1405457	44.382	ng		98
74) Di-n-butylphthalate	18.31	149	1725975	42.689	ng		99
75) Fluoranthene	19.39	202	1727287	43.540	ng		99
77) Benzidine	19.56	184	860547	54.236	ng		98
78) Pyrene	19.75	202	1727487	41.926	ng		99
80) Butylbenzylphthalate	20.64	149	817755	41.687	ng		97
81) Benzo(a)anthracene	21.57	228	1677963	42.869	ng		99
82) 3,3'-Dichlorobenzidine	21.48	252	523012	33.822	ng		99
83) Chrysene	21.63	228	1591448	42.790	ng		99
84) Bis(2-ethylhexyl)phthalate	21.50	149	1140203	42.125	ng		99
85) Di-n-octyl phthalate	22.68	149	1984132	43.603	ng		98
86) Indeno(1,2,3-cd)pyrene	28.25	276	2086274	41.276	ng	#	90
88) Benzo(b)fluoranthene	23.72	252	1808159	42.704	ng		100
89) Benzo(k)fluoranthene	23.79	252	1717298	42.651	ng		99
90) Benzo(a)pyrene	24.56	252	1665568	41.677	ng		99
91) Dibenzo(a,h)anthracene	28.32	278	1678720	41.827	ng		97
92) Benzo(g,h,i)perylene	29.36	276	1651139	41.417	ng		99

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

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