Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112319\
Data File : BG043752.D
Acq On : 23 Nov 2019 11:14
Operator : JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
mohammad
11/25/2019 2:33:38 PM

Quant Time: Nov 25 02:23:49 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG112219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Nov 23 00:54:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	70407	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	334249	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	253097	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	614443	20.00	ng	0.00
76) Chrysene-d12	21.67	240	554943	20.00	ng	0.00
87) Perylene-d12	24.84	264	509759	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	326105	83.27	ng	0.00
7) Phenol-d6	7.18	99	511881	89.91	ng	0.00
23) Nitrobenzene-d5	9.19	82	519271	85.42	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	246841	80.86	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	1231256	79.97	ng	0.00
79) Terphenyl-d14	20.01	244	2250788	91.65	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.52	88	64826	37.332	ng	97
3) Pyridine	3.91	79	226907	46.408	ng	98
4) n-Nitrosodimethylamine	3.82	42	106851	43.993	ng	94
6) Aniline	7.35	93	327599	44.157	ng	98
8) 2-Chlorophenol	7.59	128	194242	43.486	ng	96
9) Benzaldehyde	7.16	77	160619	47.232	ng	99
10) Phenol	7.21	94	259169	44.345	ng	97
11) bis(2-Chloroethyl)ether	7.45	93	205422	42.115	ng	95
12) 1,3-Dichlorobenzene	7.92	146	218584	41.570	ng	100
13) 1,4-Dichlorobenzene	8.06	146	215327	40.430	ng	98
14) 1,2-Dichlorobenzene	8.39	146	213229	42.313	ng	97
15) Benzyl Alcohol	8.26	79	215714	45.364	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.56	45	360893	43.023	ng	99
17) 2-Methylphenol	8.46	107	181861	43.523	ng	96
18) Hexachloroethane	9.12	117	83068	41.317	ng	93
19) n-Nitroso-di-n-propylamine	8.83	70	199223	44.499	ng	97
20) 3+4-Methylphenols	8.79	107	263374	45.180	ng	97
22) Acetophenone	8.85	105	348259	39.311	ng	99
24) Nitrobenzene	9.23	77	251477	40.244	ng	98
25) Isophorone	9.75	82	536750	41.177	ng	99
26) 2-Nitrophenol	9.94	139	105594	46.838	ng	100
27) 2,4-Dimethylphenol	10.00	122	184168	41.603	ng	94
28) bis(2-Chloroethoxy)methane	10.24	93	325352	40.496	ng	99
29) 2,4-Dichlorophenol	10.47	162	227634	42.298	ng	99
30) 1,2,4-Trichlorobenzene	10.70	180	257211	40.786	ng	99
31) Naphthalene	10.88	128	678576	40.925	ng	100
32) Benzoic acid	10.13	122	157890	49.459	ng	97
33) 4-Chloroaniline	10.98	127	331295	41.472	ng	98
34) Hexachlorobutadiene	11.18	225	161526	38.951	ng	97
35) Caprolactam	11.74	113	93249	42.612	ng	97
36) 4-Chloro-3-methylphenol	12.09	107	261051	43.163	ng	98
37) 2-Methylnaphthalene	12.49	142	534476	42.775	ng	100
38) 1-Methylnaphthalene	12.71	142	507628	42.807	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	311116	38.631	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	156552	35.980	ng		98
43) 2,4,6-Trichlorophenol	13.08	196	214814	41.473	ng		97
44) 2,4,5-Trichlorophenol	13.15	196	221785	41.160	ng		98
46) 1,1'-Biphenyl	13.49	154	702293	40.031	ng		99
47) 2-Chloronaphthalene	13.53	162	570125	39.850	ng		100
48) 2-Nitroaniline	13.72	65	187585	44.786	ng		98
49) Acenaphthylene	14.38	152	898695	39.925	ng		98
50) Dimethylphthalate	14.11	163	791356	39.470	ng		99
51) 2,6-Dinitrotoluene	14.22	165	164890	44.286	ng		97
52) Acenaphthene	14.72	154	579890	40.284	ng		100
53) 3-Nitroaniline	14.54	138	189854	43.655	ng	#	96
54) 2,4-Dinitrophenol	14.74	184	70080	46.068	ng		91
55) Dibenzofuran	15.06	168	886068	39.512	ng		99
56) 4-Nitrophenol	14.84	139	153863	42.003	ng		95
57) 2,4-Dinitrotoluene	15.00	165	232560	45.038	ng		97
58) Fluorene	15.70	166	724689	39.406	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.27	232	219714m	40.597	ng		
60) Diethylphthalate	15.48	149	803680	38.173	ng		100
61) 4-Chlorophenyl-phenylether	15.70	204	403530	39.853	ng		98
62) 4-Nitroaniline	15.71	138	205213	41.151	ng		95
63) Azobenzene	15.99	77	743081	39.377	ng		98
65) 4,6-Dinitro-2-methylphenol	15.77	198	102285	45.944	ng		93
66) n-Nitrosodiphenylamine	15.91	169	679549	41.771	ng		99
67) 4-Bromophenyl-phenylether	16.59	248	267912	41.347	ng		96
68) Hexachlorobenzene	16.71	284	295113	41.661	ng		98
69) Atrazine	16.86	200	263306	40.385	ng		96
70) Pentachlorophenol	17.05	266	188559	43.623	ng		99
71) Phenanthrene	17.44	178	1236066	40.656	ng		99
72) Anthracene	17.53	178	1239483	40.358	ng		99
73) Carbazole	17.79	167	1180334	38.238	ng		98
74) Di-n-butylphthalate	18.38	149	1474307	37.856	ng		99
75) Fluoranthene	19.45	202	1607526	36.860	ng		98
77) Benzidine	19.62	184	731545	45.128	ng		99
78) Pyrene	19.81	202	1636679	45.698	ng		99
80) Butylbenzylphthalate	20.71	149	734891	45.043	ng		100
81) Benzo(a)anthracene	21.64	228	1517189	40.895	ng		99
82) 3,3'-Dichlorobenzidine	21.56	252	508308	36.536	ng		100
83) Chrysene	21.71	228	1435535	40.892	ng		100
84) Bis(2-ethylhexyl)phthalate	21.58	149	852779	37.148	ng		100
85) Di-n-octyl phthalate	22.79	149	1268952	34.079	ng		99
86) Indeno(1,2,3-cd)pyrene	28.46	276	1454389	35.615	ng		98
88) Benzo(b)fluoranthene	23.84	252	1235872	40.606	ng		98
89) Benzo(k)fluoranthene	23.91	252	1176831	40.288	ng		99
90) Benzo(a)pyrene	24.70	252	1169236	40.855	ng		98
91) Dibenzo(a,h)anthracene	28.53	278	1170697	42.172	ng		99
92) Benzo(g,h,i)perylene	29.59	276	1161304	42.421	ng		98

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

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