Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112219\
Data File : BG043745.D
Acq On : 22 Nov 2019 17:06
Operator : JU
Sample : SSTDICCC040
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED
mohammad
11/25/2019 8:20:06 AM

Quant Time: Nov 23 00:18:49 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG112219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 22 23:55:38 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	49983	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	234484	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	183189	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	465689	20.00	ng	0.00
76) Chrysene-d12	21.67	240	548298	20.00	ng	0.00
87) Perylene-d12	24.84	264	465428	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	227202	83.30	ng	0.00
7) Phenol-d6	7.18	99	356318	90.79	ng	0.00
23) Nitrobenzene-d5	9.18	82	339185	74.57	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	177528	50.92	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	902410	68.07	ng	0.00
79) Terphenyl-d14	20.01	244	1907146	65.25	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.52	88	46473	43.721	ng	100
3) Pyridine	3.92	79	159830	59.608	ng	100
4) n-Nitrosodimethylamine	3.83	42	75728	55.969	ng	100
6) Aniline	7.35	93	228827	50.616	ng	100
8) 2-Chlorophenol	7.59	128	132330	43.949	ng	100
9) Benzaldehyde	7.16	77	105296	54.596	ng	100
10) Phenol	7.21	94	180778	50.410	ng	100
11) bis(2-Chloroethyl)ether	7.45	93	143266	51.672	ng	100
12) 1,3-Dichlorobenzene	7.92	146	151175	40.072	ng	100
13) 1,4-Dichlorobenzene	8.07	146	152803	40.033	ng	100
14) 1,2-Dichlorobenzene	8.39	146	146353	39.270	ng	100
15) Benzyl Alcohol	8.26	79	152887	55.471	ng	100
16) 2,2'-oxybis(1-Chloropropan	8.56	45	253083	62.775	ng	100
17) 2-Methylphenol	8.46	107	129681	49.604	ng	100
18) Hexachloroethane	9.12	117	56460	40.999	ng	100
19) n-Nitroso-di-n-propylamine	8.83	70	142486	56.187	ng	100
20) 3+4-Methylphenols	8.79	107	187941	52.426	ng	100
22) Acetophenone	8.85	105	248911	41.451	ng	100
24) Nitrobenzene	9.23	77	170509	39.354	ng	100
25) Isophorone	9.75	82	390718	46.987	ng	100
26) 2-Nitrophenol	9.94	139	61432	29.368	ng	100
27) 2,4-Dimethylphenol	10.00	122	128080	42.721	ng	100
28) bis(2-Chloroethoxy)methane	10.24	93	231678	50.480	ng	100
29) 2,4-Dichlorophenol	10.47	162	156124	40.643	ng	100
30) 1,2,4-Trichlorobenzene	10.70	180	174407	36.023	ng	100
31) Naphthalene	10.88	128	477148	40.089	ng	100
32) Benzoic acid	10.11	122	84484	40.167	ng	100
33) 4-Chloroaniline	10.98	127	238359	48.855	ng	100
34) Hexachlorobutadiene	11.18	225	112952	31.560	ng	100
35) Caprolactam	11.74	113	71365	53.943	ng	100
36) 4-Chloro-3-methylphenol	12.09	107	184759	44.094	ng	100
37) 2-Methylnaphthalene	12.49	142	374838	41.045	ng	100
38) 1-Methylnaphthalene	12.71	142	358247	41.229	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	222146	32.767	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.85	237	116386	32.680	ng	100
43) 2,4,6-Trichlorophenol	13.09	196	150038	37.580	ng	100
44) 2,4,5-Trichlorophenol	13.15	196	157348	38.982	ng	100
46) 1,1'-Biphenyl	13.49	154	500550	35.918	ng	100
47) 2-Chloronaphthalene	13.53	162	410048	38.671	ng	100
48) 2-Nitroaniline	13.72	65	120168	37.918	ng	100
49) Acenaphthylene	14.38	152	659953	39.990	ng	100
50) Dimethylphthalate	14.11	163	593081	41.798	ng	100
51) 2,6-Dinitrotoluene	14.22	165	108805	35.297	ng	100
52) Acenaphthene	14.72	154	414367	41.173	ng	100
53) 3-Nitroaniline	14.54	138	128535	43.188	ng	100
54) 2,4-Dinitrophenol	14.74	184	41653	25.593	ng	100
55) Dibenzofuran	15.06	168	658465	40.346	ng	100
56) 4-Nitrophenol	14.84	139	105290	52.792	ng	100
57) 2,4-Dinitrotoluene	15.00	165	152110	34.528	ng	100
58) Fluorene	15.70	166	536450	39.191	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.27	232	157365m	36.695	ng	
60) Diethylphthalate	15.48	149	610735	42.837	ng	100
61) 4-Chlorophenyl-phenylether	15.70	204	294149	36.836	ng	100
62) 4-Nitroaniline	15.71	138	145457	47.324	ng	100
63) Azobenzene	15.99	77	549775	47.647	ng	100
65) 4,6-Dinitro-2-methylphenol	15.77	198	61827	22.560	ng	100
66) n-Nitrosodiphenylamine	15.91	169	502696	38.235	ng	100
67) 4-Bromophenyl-phenylether	16.59	248	199769	31.876	ng	100
68) Hexachlorobenzene	16.71	284	216420	30.084	ng	100
69) Atrazine	16.86	200	205535	44.990	ng	100
70) Pentachlorophenol	17.05	266	132178	40.323	ng	100
71) Phenanthrene	17.44	178	958630	40.200	ng	100
72) Anthracene	17.53	178	961636	40.305	ng	100
73) Carbazole	17.79	167	939225	43.470	ng	100
74) Di-n-butylphthalate	18.38	149	1185532	45.222	ng	100
75) Fluoranthene	19.45	202	1317061	42.364	ng	100
77) Benzidine	19.62	184	715668	64.856	ng	100
78) Pyrene	19.81	202	1345929	39.657	ng	100
80) Butylbenzylphthalate	20.71	149	666305	51.820	ng	100
81) Benzo(a)anthracene	21.65	228	1469913	42.798	ng	100
82) 3,3'-Dichlorobenzidine	21.56	252	533511	40.162	ng	100
83) Chrysene	21.71	228	1393063	40.823	ng	100
84) Bis(2-ethylhexyl)phthalate	21.59	149	876586	47.992	ng	100
85) Di-n-octyl phthalate	22.80	149	1221387	39.415	ng	100
86) Indeno(1,2,3-cd)pyrene	28.47	276	1288737	30.086	ng	100
88) Benzo(b)fluoranthene	23.85	252	1135119	43.062	ng	100
89) Benzo(k)fluoranthene	23.91	252	1117847	42.124	ng	100
90) Benzo(a)pyrene	24.70	252	1054498	41.891	ng	100
91) Dibenzo(a,h)anthracene	28.54	278	1045725	40.615	ng	100
92) Benzo(g,h,i)perylene	29.59	276	1032164	40.641	ng	100

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

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