Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120919\
Data File : BG043790.D
Acq On : 9 Dec 2019 14:08
Operator : JU
Sample : SSTDICCC040
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED
mohammad
12/10/2019 11:50:58 AM

Quant Time: Dec 09 15:38:32 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 15:25:20 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	127623	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	566332	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	389789	20.00	ng	0.00
64) Phenanthrene-d10	17.37	188	852670	20.00	ng	0.00
76) Chrysene-d12	21.63	240	704578	20.00	ng	0.00
87) Perylene-d12	24.78	264	798652	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	546873	77.04	ng	0.00
7) Phenol-d6	7.16	99	786884	76.25	ng	0.00
23) Nitrobenzene-d5	9.15	82	782841	76.00	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	289499	61.58	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	1785230	75.29	ng	0.00
79) Terphenyl-d14	19.98	244	2416379	77.50	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.49	88	122871	39.036	ng	100
3) Pyridine	3.88	79	373143	42.102	ng	100
4) n-Nitrosodimethylamine	3.79	42	165087	37.498	ng	100
6) Aniline	7.32	93	516271	38.390	ng	100
8) 2-Chlorophenol	7.57	128	312098	38.546	ng	100
9) Benzaldehyde	7.13	77	202293	32.818	ng	100
10) Phenol	7.19	94	399821	37.741	ng	100
11) bis(2-Chloroethyl)ether	7.42	93	339091	38.353	ng	100
12) 1,3-Dichlorobenzene	7.90	146	375302	39.376	ng	100
13) 1,4-Dichlorobenzene	8.04	146	371813	38.514	ng	100
14) 1,2-Dichlorobenzene	8.36	146	359598	39.367	ng	100
15) Benzyl Alcohol	8.23	79	310894	36.069	ng	100
16) 2,2'-oxybis(1-Chloropropan	8.54	45	544756	35.827	ng	100
17) 2-Methylphenol	8.44	107	285469	37.690	ng	100
18) Hexachloroethane	9.10	117	133292	36.575	ng	100
19) n-Nitroso-di-n-propylamine	8.81	70	295481	36.411	ng	100
20) 3+4-Methylphenols	8.77	107	402199	38.063	ng	100
22) Acetophenone	8.82	105	549804	36.628	ng	100
24) Nitrobenzene	9.20	77	394124	37.225	ng	100
25) Isophorone	9.72	82	790293	35.782	ng	100
26) 2-Nitrophenol	9.91	139	131247	34.359	ng	100
27) 2,4-Dimethylphenol	9.97	122	275698	36.757	ng	100
28) bis(2-Chloroethoxy)methane	10.21	93	501336	36.829	ng	100
29) 2,4-Dichlorophenol	10.45	162	340694	37.363	ng	100
30) 1,2,4-Trichlorobenzene	10.67	180	396202	37.079	ng	100
31) Naphthalene	10.86	128	1057499	37.642	ng	100
32) Benzoic acid	10.10	122	164692	30.448	ng	100
33) 4-Chloroaniline	10.95	127	512376	37.855	ng	100
34) Hexachlorobutadiene	11.16	225	239711	34.116	ng	100
35) Caprolactam	11.72	113	132097	35.627	ng	100
36) 4-Chloro-3-methylphenol	12.07	107	369510	36.059	ng	100
37) 2-Methylnaphthalene	12.46	142	823367	38.891	ng	100
38) 1-Methylnaphthalene	12.68	142	782747	38.957	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.83	216	455355	36.714	ng	100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.81	237	212309	31.683 ng	100
43) 2,4,6-Trichlorophenol	13.06	196	291314	36.520 ng	100
44) 2,4,5-Trichlorophenol	13.13	196	307208	37.019 ng	100
46) 1,1'-Biphenyl	13.47	154	1065050	39.419 ng	100
47) 2-Chloronaphthalene	13.51	162	862859	39.161 ng	100
48) 2-Nitroaniline	13.70	65	253681	39.327 ng	100
49) Acenaphthylene	14.35	152	1306724	37.694 ng	100
50) Dimethylphthalate	14.08	163	1106584	35.838 ng	100
51) 2,6-Dinitrotoluene	14.20	165	234197	40.842 ng	100
52) Acenaphthene	14.69	154	841300	37.949 ng	100
53) 3-Nitroaniline	14.52	138	269511	40.239 ng	100
54) 2,4-Dinitrophenol	14.72	184	69055	29.476 ng	100
55) Dibenzofuran	15.03	168	1267982	36.714 ng	100
56) 4-Nitrophenol	14.82	139	195356	34.628 ng	100
57) 2,4-Dinitrotoluene	14.98	165	315953	39.731 ng	100
58) Fluorene	15.68	166	1010963	35.694 ng	100
59) 2,3,4,6-Tetrachlorophenol	15.25	232	276391m	33.160 ng	
60) Diethylphthalate	15.45	149	1095024	33.776 ng	100
61) 4-Chlorophenyl-phenylether	15.67	204	557291	35.738 ng	100
62) 4-Nitroaniline	15.68	138	276283	35.974 ng	100
63) Azobenzene	15.96	77	1006877	34.645 ng	100
65) 4,6-Dinitro-2-methylphenol	15.75	198	105722	36.539 ng	100
66) n-Nitrosodiphenylamine	15.88	169	926899	41.057 ng	100
67) 4-Bromophenyl-phenylether	16.56	248	351697	39.113 ng	100
68) Hexachlorobenzene	16.69	284	369799	37.619 ng	100
69) Atrazine	16.83	200	286601	31.677 ng	100
70) Pentachlorophenol	17.02	266	199421	33.246 ng	100
71) Phenanthrene	17.42	178	1599843	37.919 ng	100
72) Anthracene	17.50	178	1595652	37.439 ng	100
73) Carbazole	17.77	167	1476383	34.965 ng	100
74) Di-n-butylphthalate	18.34	149	1728072	31.975 ng	100
75) Fluoranthene	19.42	202	1846951	30.518 ng	100
77) Benzidine	19.60	184	704226	34.216 ng	100
78) Pyrene	19.78	202	1849552	40.674 ng	100
80) Butylbenzylphthalate	20.68	149	769029	37.125 ng	100
81) Benzo(a)anthracene	21.61	228	1773950	37.661 ng	100
82) 3,3'-Dichlorobenzidine	21.52	252	649623	36.777 ng	100
83) Chrysene	21.67	228	1692985	37.984 ng	100
84) Bis(2-ethylhexyl)phthalate	21.55	149	1107269	37.990 ng	100
85) Di-n-octyl phthalate	22.75	149	1848556	39.102 ng	100
86) Indeno(1,2,3-cd)pyrene	28.37	276	2090257	40.316 ng	100
88) Benzo(b)fluoranthene	23.79	252	1768315	37.084 ng	100
89) Benzo(k)fluoranthene	23.86	252	1779899	38.893 ng	100
90) Benzo(a)pyrene	24.64	252	1709001	38.114 ng	100
91) Dibenzo(a,h)anthracene	28.44	278	1682788	38.692 ng	100
92) Benzo(g,h,i)perylene	29.48	276	1655403	38.596 ng	100

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

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