Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011520\
Data File : BG044053.D
Acq On : 15 Jan 2020 17:11
Operator : JU
Sample : PB126095BSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB126095BSD

Manual Integrations APPROVED
mohammad
1/16/2020 2:25:48 PM

Quant Time: Jan 16 08:25:24 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	7.94	152	85603	20.00	ng		-0.02
21) Naphthalene-d8	10.75	136	368874	20.00	ng		-0.02
39) Acenaphthene-d10	14.58	164	242879	20.00	ng		-0.02
64) Phenanthrene-d10	17.32	188	535203	20.00	ng		-0.02
76) Chrysene-d12	21.57	240	476153	20.00	ng		-0.02
87) Perylene-d12	24.68	264	537615	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	434527	93.20	ng		-0.02
7) Phenol-d6	7.11	99	563806	86.51	ng		0.00
23) Nitrobenzene-d5	9.10	82	549350	79.67	ng		-0.02
42) 2,4,6-Tribromophenol	16.06	330	216967	85.36	ng		-0.02
45) 2-Fluorobiphenyl	13.20	172	1222465	91.19	ng		-0.02
79) Terphenyl-d14	19.93	244	1822417	95.17	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.41	88	98197	48.306	ng		97
3) Pyridine	3.81	79	228053	37.976	ng		95
4) n-Nitrosodimethylamine	3.72	42	111975	41.881	ng		96
6) Aniline	7.26	93	286769	33.502	ng		95
8) 2-Chlorophenol	7.51	128	270413	49.406	ng		95
9) Benzaldehyde	7.07	77	156464	37.513	ng		97
10) Phenol	7.14	94	328788	48.967	ng		98
11) bis(2-Chloroethyl)ether	7.36	93	244337	42.157	ng		98
12) 1,3-Dichlorobenzene	7.83	146	278385	43.465	ng		99
13) 1,4-Dichlorobenzene	7.98	146	279377	44.208	ng		98
14) 1,2-Dichlorobenzene	8.30	146	263716	43.476	ng		100
15) Benzyl Alcohol	8.18	79	217987	42.383	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.48	45	323702	36.100	ng		97
17) 2-Methylphenol	8.39	107	226404	46.595	ng		99
18) Hexachloroethane	9.03	117	101960	41.464	ng		96
19) n-Nitroso-di-n-propylamine	8.75	70	190095	39.169	ng		98
20) 3+4-Methylphenols	8.72	107	312406	46.089	ng		97
22) Acetophenone	8.76	105	361445	39.414	ng	#	97
24) Nitrobenzene	9.14	77	270781	39.650	ng		97
25) Isophorone	9.66	82	516495	39.926	ng		100
26) 2-Nitrophenol	9.85	139	149607	46.303	ng		96
27) 2,4-Dimethylphenol	9.92	122	254856	52.399	ng		97
28) bis(2-Chloroethoxy)methane	10.15	93	328565	38.097	ng		99
29) 2,4-Dichlorophenol	10.39	162	262852	45.307	ng		98
30) 1,2,4-Trichlorobenzene	10.61	180	260205	40.001	ng		98
31) Naphthalene	10.79	128	765511	42.885	ng		98
32) Benzoic acid	10.06	122	132671	35.388	ng		94
33) 4-Chloroaniline	10.90	127	189950	22.310	ng		97
34) Hexachlorobutadiene	11.09	225	150654	37.932	ng		98
35) Caprolactam	11.66	113	97977m	45.365	ng		
36) 4-Chloro-3-methylphenol	12.03	107	276902	44.834	ng		98
37) 2-Methylnaphthalene	12.40	142	577087	42.942	ng		96
38) 1-Methylnaphthalene	12.62	142	543932	42.705	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.77	216	275447	38.693	ng		98

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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)
41) Hexachlorocyclopentadiene	12.76	237	367214	99.498 ng	99
43) 2,4,6-Trichlorophenol	13.01	196	210642	43.003 ng	96
44) 2,4,5-Trichlorophenol	13.08	196	225229	44.582 ng	99
46) 1,1'-Biphenyl	13.41	154	716149	41.125 ng	99
47) 2-Chloronaphthalene	13.45	162	563985	40.080 ng	97
48) 2-Nitroaniline	13.65	65	172149	38.032 ng	94
49) Acenaphthylene	14.30	152	903310	44.663 ng	97
50) Dimethylphthalate	14.03	163	725666	42.079 ng	99
51) 2,6-Dinitrotoluene	14.14	165	165586	42.481 ng	96
52) Acenaphthene	14.64	154	551368	38.874 ng	99
53) 3-Nitroaniline	14.47	138	117157	26.468 ng	96
54) 2,4-Dinitrophenol	14.68	184	188413	93.862 ng	93
55) Dibenzofuran	14.98	168	868766	44.494 ng	97
56) 4-Nitrophenol	14.79	139	317908	93.725 ng	93
57) 2,4-Dinitrotoluene	14.93	165	236357	44.564 ng	97
58) Fluorene	15.62	166	675273	43.634 ng	99
59) 2,3,4,6-Tetrachlorophenol	15.20	232	195839	45.081 ng	96
60) Diethylphthalate	15.40	149	740668	42.940 ng	98
61) 4-Chlorophenyl-phenylether	15.62	204	351862	41.871 ng	97
62) 4-Nitroaniline	15.64	138	168913	38.643 ng	90
63) Azobenzene	15.91	77	662735	41.430 ng	98
65) 4,6-Dinitro-2-methylphenol	15.70	198	140079	50.543 ng	97
66) n-Nitrosodiphenylamine	15.83	169	637934	40.475 ng	99
67) 4-Bromophenyl-phenylether	16.51	248	229102	38.061 ng	99
68) Hexachlorobenzene	16.63	284	250437	38.611 ng	96
69) Atrazine	16.78	200	245494	47.918 ng	100
70) Pentachlorophenol	16.97	266	296271	82.862 ng	98
71) Phenanthrene	17.36	178	1092356	42.552 ng	98
72) Anthracene	17.45	178	1129176	44.508 ng	97
73) Carbazole	17.72	167	1025178	43.746 ng	97
74) Di-n-butylphthalate	18.28	149	1244877	41.606 ng	97
75) Fluoranthene	19.37	202	1267759	43.182 ng	96
77) Benzidine	19.55	184	589805	49.280 ng	98
78) Pyrene	19.73	202	1284483	41.328 ng	97
80) Butylbenzylphthalate	20.62	149	604939	40.882 ng	94
81) Benzo(a)anthracene	21.55	228	1252056	42.407 ng	98
82) 3,3'-Dichlorobenzidine	21.46	252	350752	30.070 ng	99
83) Chrysene	21.61	228	1207671	43.047 ng	98
84) Bis(2-ethylhexyl)phthalate	21.47	149	851264	41.694 ng	99
85) Di-n-octyl phthalate	22.65	149	1470402	42.838 ng	97
86) Indeno(1,2,3-cd)pyrene	28.21	276	1504983	39.474 ng	100
88) Benzo(b)fluoranthene	23.70	252	1316591	41.425 ng	98
89) Benzo(k)fluoranthene	23.76	252	1265964	41.887 ng	99
90) Benzo(a)pyrene	24.54	252	1210197	40.344 ng	98
91) Dibenzo(a,h)anthracene	28.27	278	1241963	41.226 ng	96
92) Benzo(g,h,i)perylene	29.32	276	1259814	42.100 ng	96

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

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