Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG041919\
Data File : BG040558.D
Acq On : 19 Apr 2019 12:38
Operator : JU/SJ
Sample : PB119042BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB119042BS

Quant Time: Apr 20 01:52:58 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Apr 13 00:33:11 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	45736	20.00	ng		-0.02
21) Naphthalene-d8	10.85	136	270170	20.00	ng		0.00
39) Acenaphthene-d10	14.66	164	151004	20.00	ng		-0.02
64) Phenanthrene-d10	17.41	188	406456	20.00	ng		0.00
76) Chrysene-d12	21.68	240	393701	20.00	ng		-0.02
87) Perylene-d12	24.94	264	352559	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.58	112	407890	148.26	ng		-0.02
7) Phenol-d6	7.19	99	576578	151.64	ng		0.00
23) Nitrobenzene-d5	9.21	82	356300	70.10	ng		0.00
42) 2,4,6-Tribromophenol	16.15	330	256179	156.98	ng		0.00
45) 2-Fluorobiphenyl	13.29	172	846161	83.03	ng		0.00
79) Terphenyl-d14	20.01	244	1881530	107.51	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.47	88	42514	32.864	ng		98
3) Pyridine	3.87	79	107834	30.959	ng		90
4) n-Nitrosodimethylamine	3.80	42	64712	40.165	ng	#	98
6) Aniline	7.36	93	172977	35.017	ng		96
8) 2-Chlorophenol	7.59	128	146490	45.486	ng		95
9) Benzaldehyde	7.17	77	52378	20.083	ng		96
10) Phenol	7.22	94	194575	47.147	ng		95
11) bis(2-Chloroethyl)ether	7.45	93	135980	41.138	ng		99
12) 1,3-Dichlorobenzene	7.92	146	136923	39.111	ng		97
13) 1,4-Dichlorobenzene	8.06	146	137247	39.361	ng		99
14) 1,2-Dichlorobenzene	8.39	146	164781	49.418	ng		98
15) Benzyl Alcohol	8.28	79	173105	56.532	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.55	45	259021	40.831	ng		97
17) 2-Methylphenol	8.47	107	132687	46.463	ng		98
18) Hexachloroethane	9.10	117	50349	37.961	ng		91
19) n-Nitroso-di-n-propylamine	8.83	70	117051	42.938	ng		98
20) 3+4-Methylphenols	8.80	107	189544	48.994	ng		98
22) Acetophenone	8.86	105	220152	32.667	ng		97
24) Nitrobenzene	9.25	77	172348	32.744	ng		97
25) Isophorone	9.76	82	347838	33.260	ng		99
26) 2-Nitrophenol	9.96	139	84030	33.693	ng		93
27) 2,4-Dimethylphenol	10.00	122	153093	38.644	ng		100
28) bis(2-Chloroethoxy)methane	10.24	93	194993	31.514	ng		100
29) 2,4-Dichlorophenol	10.49	162	156915	36.492	ng		98
30) 1,2,4-Trichlorobenzene	10.70	180	192734	40.820	ng		97
31) Naphthalene	10.89	128	549201	39.659	ng		100
32) Benzoic acid	10.16	122	36365m	15.193	ng		
33) 4-Chloroaniline	11.01	127	169765	28.740	ng		98
34) Hexachlorobutadiene	11.15	225	86339	28.592	ng		94
35) Caprolactam	11.81	113	71615m	41.968	ng		
36) 4-Chloro-3-methylphenol	12.12	107	199216	40.299	ng		99
37) 2-Methylnaphthalene	12.49	142	355603	34.720	ng		96
38) 1-Methylnaphthalene	12.72	142	344976	34.735	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.86	216	178678	37.229	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	177102	67.205	ng		96
43) 2,4,6-Trichlorophenol	13.10	196	137408	44.406	ng		96
44) 2,4,5-Trichlorophenol	13.18	196	152017	45.072	ng		98
46) 1,1'-Biphenyl	13.50	154	470751	39.455	ng		99
47) 2-Chloronaphthalene	13.55	162	372904	40.745	ng		98
48) 2-Nitroaniline	13.76	65	145198	47.034	ng		90
49) Acenaphthylene	14.39	152	639526	41.214	ng		99
50) Dimethylphthalate	14.12	163	524019	44.340	ng		99
51) 2,6-Dinitrotoluene	14.25	165	119553	45.053	ng		99
52) Acenaphthene	14.73	154	374405	42.108	ng		95
53) 3-Nitroaniline	14.59	138	96246	34.264	ng		89
54) 2,4-Dinitrophenol	14.79	184	120065	85.077	ng		97
55) Dibenzofuran	15.06	168	619054	43.329	ng		99
56) 4-Nitrophenol	14.89	139	211912	93.475	ng		97
57) 2,4-Dinitrotoluene	15.04	165	171342	46.469	ng		95
58) Fluorene	15.71	166	494815	44.050	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.28	232	153799	50.251	ng		98
60) Diethylphthalate	15.47	149	561578	46.437	ng		99
61) 4-Chlorophenyl-phenylether	15.70	204	260328	43.356	ng		93
62) 4-Nitroaniline	15.75	138	134390	44.582	ng		94
63) Azobenzene	15.99	77	511652	44.853	ng		98
65) 4,6-Dinitro-2-methylphenol	15.80	198	96122	42.093	ng		99
66) n-Nitrosodiphenylamine	15.92	169	476404	40.054	ng		97
67) 4-Bromophenyl-phenylether	16.59	248	176436	38.573	ng		94
68) Hexachlorobenzene	16.71	284	180151	39.172	ng		95
69) Atrazine	16.86	200	175534	39.673	ng		98
70) Pentachlorophenol	17.06	266	190063	71.483	ng		95
71) Phenanthrene	17.45	178	864267	40.454	ng		99
72) Anthracene	17.55	178	879369	41.123	ng		99
73) Carbazole	17.82	167	851278	42.065	ng		99
74) Di-n-butylphthalate	18.35	149	1005933	41.934	ng		100
75) Fluoranthene	19.46	202	1372408	54.250	ng		96
77) Benzidine	19.64	184	537797	37.828	ng		97
78) Pyrene	19.82	202	1363362	52.659	ng		98
80) Butylbenzylphthalate	20.69	149	640225	57.788	ng		99
81) Benzo(a)anthracene	21.67	228	939689	38.750	ng		99
82) 3,3'-Dichlorobenzidine	21.58	252	269331	29.197	ng		97
83) Chrysene	21.73	228	930263	39.916	ng		100
84) Bis(2-ethylhexyl)phthalate	21.53	149	657364	41.509	ng		100
85) Di-n-octyl phthalate	22.75	149	1121239	41.555	ng		99
86) Indeno(1,2,3-cd)pyrene	28.70	276	1141259	40.038	ng	#	92
88) Benzo(b)fluoranthene	23.90	252	998806	46.273	ng		97
89) Benzo(k)fluoranthene	23.97	252	955566	48.140	ng		98
90) Benzo(a)pyrene	24.80	252	982630	48.519	ng		99
91) Dibenzo(a,h)anthracene	28.76	278	928949	49.387	ng		100
92) Benzo(g,h,i)perylene	29.89	276	960784	49.703	ng		98

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

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