Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG100719\
Data File : BG043078.D
Acq On : 7 Oct 2019 21:44
Operator : JU
Sample : PB123704BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Oct 08 04:36:58 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 25 15:35:52 2019
Response via : Initial Calibration

Instrument : BNA_G
ClientSampleId : PB123704BS

Manual Integrations APPROVED
mohammad
10/8/2019 12:22:52 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	51421	20.00	ng		-0.02
21) Naphthalene-d8	10.86	136	211138	20.00	ng		-0.02
39) Acenaphthene-d10	14.68	164	166453	20.00	ng		-0.01
64) Phenanthrene-d10	17.42	188	416346	20.00	ng		-0.02
76) Chrysene-d12	21.69	240	425927	20.00	ng		-0.02
87) Perylene-d12	24.91	264	503617	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	294462	102.20	ng		-0.02
7) Phenol-d6	7.23	99	294439	70.96	ng		-0.01
23) Nitrobenzene-d5	9.22	82	376347	86.64	ng		-0.02
42) 2,4,6-Tribromophenol	16.17	330	430683	150.47	ng		-0.01
45) 2-Fluorobiphenyl	13.31	172	1003009	87.36	ng		-0.02
79) Terphenyl-d14	20.03	244	2025808	101.35	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	31257	26.019	ng		93
3) Pyridine	3.94	79	69591	20.596	ng		89
4) n-Nitrosodimethylamine	3.85	42	44914	27.642	ng	#	78
6) Aniline	7.39	93	99749	19.915	ng		96
8) 2-Chlorophenol	7.63	128	155510	51.753	ng		99
9) Benzaldehyde	7.20	77	16524	6.517	ng		96
10) Phenol	7.26	94	106994	28.106	ng		97
11) bis(2-Chloroethyl)ether	7.47	93	149927	50.901	ng		94
12) 1,3-Dichlorobenzene	7.95	146	149898	39.105	ng		94
13) 1,4-Dichlorobenzene	8.09	146	158074	41.367	ng		98
14) 1,2-Dichlorobenzene	8.41	146	152315	41.867	ng		93
15) Benzyl Alcohol	8.30	79	89261	28.613	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.58	45	191258	33.811	ng		93
17) 2-Methylphenol	8.51	107	132009	49.559	ng		96
18) Hexachloroethane	9.14	117	55565	38.610	ng		96
19) n-Nitroso-di-n-propylamine	8.86	70	126391	46.390	ng	#	91
20) 3+4-Methylphenols	8.83	107	168055	46.038	ng		98
22) Acetophenone	8.88	105	242003	44.466	ng	#	95
24) Nitrobenzene	9.26	77	184093	44.430	ng		95
25) Isophorone	9.78	82	365526	47.905	ng		98
26) 2-Nitrophenol	9.97	139	94731	53.706	ng		96
27) 2,4-Dimethylphenol	10.03	122	159587	58.914	ng		98
28) bis(2-Chloroethoxy)methane	10.26	93	199213	46.016	ng		98
29) 2,4-Dichlorophenol	10.52	162	185116	54.948	ng		97
30) 1,2,4-Trichlorobenzene	10.72	180	187600	43.121	ng		97
31) Naphthalene	10.91	128	475579	45.757	ng		100
32) Benzoic acid	10.14	122	28991	17.121	ng		90
33) 4-Chloroaniline	11.07	127	18814m	4.172	ng		
34) Hexachlorobutadiene	11.20	225	129016	39.606	ng		98
35) Caprolactam	11.80	113	19342m	16.280	ng		
36) 4-Chloro-3-methylphenol	12.15	107	203731	55.619	ng		96
37) 2-Methylnaphthalene	12.51	142	385069	48.565	ng		98
38) 1-Methylnaphthalene	12.73	142	367704	49.010	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	253780	40.550	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	351705	88.199	ng		96
43) 2,4,6-Trichlorophenol	13.12	196	180001	49.139	ng		96
44) 2,4,5-Trichlorophenol	13.20	196	193363	51.241	ng		97
46) 1,1'-Biphenyl	13.51	154	548553	43.457	ng		99
47) 2-Chloronaphthalene	13.56	162	424178	44.820	ng		97
48) 2-Nitroaniline	13.76	65	143651	45.644	ng		93
49) Acenaphthylene	14.41	152	699801	48.324	ng		98
50) Dimethylphthalate	14.14	163	784446	62.898	ng		98
51) 2,6-Dinitrotoluene	14.25	165	137888	51.917	ng		91
52) Acenaphthene	14.75	154	437393	45.124	ng		99
53) 3-Nitroaniline	14.59	138	60541	22.057	ng		92
54) 2,4-Dinitrophenol	14.79	184	173268	104.955	ng		93
55) Dibenzofuran	15.08	168	697714	48.659	ng		99
56) 4-Nitrophenol	14.91	139	121573	58.132	ng		95
57) 2,4-Dinitrotoluene	15.03	165	201167	51.722	ng	#	94
58) Fluorene	15.73	166	603949	49.335	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.30	232	197490m	49.153	ng		
60) Diethylphthalate	15.49	149	612263	48.238	ng		99
61) 4-Chlorophenyl-phenylether	15.72	204	349829	47.649	ng		98
62) 4-Nitroaniline	15.75	138	132038	44.108	ng		99
63) Azobenzene	16.01	77	529164	45.793	ng		98
65) 4,6-Dinitro-2-methylphenol	15.80	198	136359	57.878	ng		95
66) n-Nitrosodiphenylamine	15.93	169	531802	48.385	ng		99
67) 4-Bromophenyl-phenylether	16.61	248	251645	48.157	ng		97
68) Hexachlorobenzene	16.73	284	276842	47.581	ng		98
69) Atrazine	16.88	200	122165	26.395	ng		94
70) Pentachlorophenol	17.08	266	338663	100.874	ng		98
71) Phenanthrene	17.47	178	972180	47.829	ng		98
72) Anthracene	17.55	178	1000900	49.325	ng		98
73) Carbazole	17.83	167	903045	47.991	ng		100
74) Di-n-butylphthalate	18.38	149	1064092	47.396	ng		99
75) Fluoranthene	19.47	202	1257193	46.762	ng		100
77) Benzidine	19.71	184	79289m	7.435	ng		
78) Pyrene	19.83	202	1278699	50.299	ng		100
80) Butylbenzylphthalate	20.72	149	480998	49.847	ng		96
81) Benzo(a)anthracene	21.67	228	1270693	47.880	ng		99
82) 3,3'-Dichlorobenzidine	21.59	252	206489	19.838	ng		98
83) Chrysene	21.74	228	1256682	48.795	ng		99
84) Bis(2-ethylhexyl)phthalate	21.58	149	680771	49.580	ng		99
85) Di-n-octyl phthalate	22.79	149	1144668	50.982	ng		96
86) Indeno(1,2,3-cd)pyrene	28.58	276	1659796	51.769	ng	#	97
88) Benzo(b)fluoranthene	23.89	252	1384011	48.569	ng		99
89) Benzo(k)fluoranthene	23.96	252	1330134	47.184	ng		99
90) Benzo(a)pyrene	24.76	252	1350323	50.226	ng		100
91) Dibenzo(a,h)anthracene	28.64	278	1385814	50.268	ng		99
92) Benzo(g,h,i)perylene	29.72	276	1362144	50.995	ng		94

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

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