Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111319\
Data File : BG043623.D
Acq On : 13 Nov 2019 21:56
Operator : JU
Sample : PB124754BSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB124754BSD

Manual Integrations APPROVED
mohammad
11/14/2019 2:08:06 PM

Quant Time: Nov 14 03:27:40 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 04 15:22:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	35576	20.00	ng		-0.01
21) Naphthalene-d8	10.80	136	139267	20.00	ng		-0.02
39) Acenaphthene-d10	14.63	164	100173	20.00	ng		-0.01
64) Phenanthrene-d10	17.37	188	233458	20.00	ng		-0.02
76) Chrysene-d12	21.64	240	277868	20.00	ng		-0.02
87) Perylene-d12	24.82	264	314866	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	147041	75.74	ng		0.00
7) Phenol-d6	7.20	99	200002	71.60	ng		0.00
23) Nitrobenzene-d5	9.17	82	184403	68.26	ng		-0.01
42) 2,4,6-Tribromophenol	16.12	330	121139	63.55	ng		-0.01
45) 2-Fluorobiphenyl	13.25	172	505476	69.73	ng		-0.02
79) Terphenyl-d14	19.98	244	959217	64.76	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.45	88	27170	35.912	ng		98
3) Pyridine	3.85	79	64927	34.020	ng		98
4) n-Nitrosodimethylamine	3.77	42	40450	42.003	ng		89
6) Aniline	7.33	93	105351	32.740	ng		97
8) 2-Chlorophenol	7.58	128	93842	43.787	ng		94
9) Benzaldehyde	7.14	77	46229	33.676	ng		95
10) Phenol	7.23	94	113804	44.586	ng		93
11) bis(2-Chloroethyl)ether	7.41	93	72516	36.746	ng		96
12) 1,3-Dichlorobenzene	7.88	146	98170	36.560	ng		96
13) 1,4-Dichlorobenzene	8.03	146	101826	37.481	ng		98
14) 1,2-Dichlorobenzene	8.35	146	95806	36.118	ng		98
15) Benzyl Alcohol	8.25	79	83983	42.811	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.52	45	106685	37.179	ng		97
17) 2-Methylphenol	8.47	107	80831	43.440	ng		95
18) Hexachloroethane	9.08	117	35834	36.559	ng		97
19) n-Nitroso-di-n-propylamine	8.80	70	65488	36.282	ng		91
20) 3+4-Methylphenols	8.80	107	104164m	40.823	ng		
22) Acetophenone	8.82	105	133463	37.421	ng	#	94
24) Nitrobenzene	9.20	77	102786	39.943	ng	#	96
25) Isophorone	9.72	82	187300	37.924	ng		98
26) 2-Nitrophenol	9.92	139	53291	42.895	ng	#	91
27) 2,4-Dimethylphenol	9.99	122	92445	51.917	ng		95
28) bis(2-Chloroethoxy)methane	10.21	93	105696	38.776	ng		95
29) 2,4-Dichlorophenol	10.47	162	101608	44.536	ng		96
30) 1,2,4-Trichlorobenzene	10.66	180	109040	37.920	ng		99
31) Naphthalene	10.85	128	281472	39.817	ng		98
32) Benzoic acid	10.19	122	46588	36.854	ng		95
33) 4-Chloroaniline	10.98	127	75817	26.164	ng		98
34) Hexachlorobutadiene	11.13	225	76530	36.003	ng		95
35) Caprolactam	11.74	113	30075m	38.275	ng		
36) 4-Chloro-3-methylphenol	12.12	107	105938	42.569	ng		97
37) 2-Methylnaphthalene	12.46	142	215537	39.738	ng		99
38) 1-Methylnaphthalene	12.67	142	203260	39.385	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.83	216	139884	37.732	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.80	237	136097	69.885	ng		99
43) 2,4,6-Trichlorophenol	13.07	196	88423	40.501	ng		98
44) 2,4,5-Trichlorophenol	13.17	196	93406	42.319	ng		93
46) 1,1'-Biphenyl	13.46	154	287880	37.776	ng		99
47) 2-Chloronaphthalene	13.51	162	225386	38.871	ng		98
48) 2-Nitroaniline	13.72	65	68787	39.693	ng		94
49) Acenaphthylene	14.35	152	373001	41.333	ng		100
50) Dimethylphthalate	14.08	163	290698	37.465	ng		99
51) 2,6-Dinitrotoluene	14.21	165	68418	40.589	ng		95
52) Acenaphthene	14.69	154	217261	39.479	ng		93
53) 3-Nitroaniline	14.55	138	47474	29.171	ng	#	99
54) 2,4-Dinitrophenol	14.75	184	65807	64.110	ng		97
55) Dibenzofuran	15.03	168	359139	40.242	ng		98
56) 4-Nitrophenol	14.89	139	92189	84.530	ng		94
57) 2,4-Dinitrotoluene	14.99	165	98251	40.785	ng		96
58) Fluorene	15.68	166	303786	40.585	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.26	232	93740	39.973	ng		98
60) Diethylphthalate	15.45	149	293478	37.644	ng		98
61) 4-Chlorophenyl-phenylether	15.66	204	170515	39.050	ng		96
62) 4-Nitroaniline	15.72	138	65254	38.824	ng		91
63) Azobenzene	15.96	77	247612	39.244	ng		97
65) 4,6-Dinitro-2-methylphenol	15.76	198	57102	41.562	ng		96
66) n-Nitrosodiphenylamine	15.88	169	267787	40.628	ng		97
67) 4-Bromophenyl-phenylether	16.56	248	121208	38.579	ng		97
68) Hexachlorobenzene	16.69	284	133930	37.137	ng		96
69) Atrazine	16.83	200	100934	44.071	ng		95
70) Pentachlorophenol	17.04	266	114765	69.838	ng		95
71) Phenanthrene	17.42	178	479700	40.126	ng		99
72) Anthracene	17.51	178	491908	41.126	ng		98
73) Carbazole	17.78	167	455451	42.048	ng		100
74) Di-n-butylphthalate	18.33	149	524846	39.935	ng		98
75) Fluoranthene	19.43	202	652667	41.877	ng		99
77) Benzidine	19.61	184	270070	48.294	ng		99
78) Pyrene	19.79	202	658198	38.268	ng		99
80) Butylbenzylphthalate	20.67	149	251231	38.554	ng		96
81) Benzo(a)anthracene	21.62	228	680241	39.082	ng		99
82) 3,3'-Dichlorobenzidine	21.54	252	223896	33.258	ng		97
83) Chrysene	21.69	228	672789	38.904	ng		99
84) Bis(2-ethylhexyl)phthalate	21.52	149	367992	39.755	ng		99
85) Di-n-octyl phthalate	22.71	149	636013	40.499	ng		99
86) Indeno(1,2,3-cd)pyrene	28.44	276	882473	40.652	ng	#	98
88) Benzo(b)fluoranthene	23.81	252	758004	42.506	ng		99
89) Benzo(k)fluoranthene	23.88	252	725123	40.391	ng		97
90) Benzo(a)pyrene	24.67	252	727459	42.718	ng		100
91) Dibenzo(a,h)anthracene	28.51	278	745217	42.783	ng		100
92) Benzo(g,h,i)perylene	29.58	276	735127	42.786	ng		98

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

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