Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091319\
Data File : BG042823.D
Acq On : 13 Sep 2019 19:11
Operator : HP/JU
Sample : K4846-08MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-23-COMPMS

Manual Integrations APPROVED
mohammad
9/17/2019 9:20:35 AM

Quant Time: Sep 13 23:24:57 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG091219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 12 14:06:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	87077	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	344700	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	232317	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	535653	20.00	ng	0.00
76) Chrysene-d12	21.76	240	518340	20.00	ng	0.00
87) Perylene-d12	25.03	264	582842	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	446621	89.17	ng	0.00
7) Phenol-d6	7.27	99	670361	93.25	ng	0.00
23) Nitrobenzene-d5	9.27	82	408844	61.75	ng	-0.01
42) 2,4,6-Tribromophenol	16.22	330	266589	86.25	ng	0.00
45) 2-Fluorobiphenyl	13.37	172	854402	58.22	ng	0.00
79) Terphenyl-d14	20.08	244	1396288	59.70	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.58	88	75753	33.140	ng	96
3) Pyridine	3.98	79	207917	30.210	ng	98
4) n-Nitrosodimethylamine	3.89	42	124117	37.062	ng	92
6) Aniline	7.44	93	293058	30.214	ng	97
8) 2-Chlorophenol	7.68	128	241932	44.686	ng	97
9) Benzaldehyde	7.25	77	171425	36.643	ng	99
10) Phenol	7.30	94	354034	48.020	ng	98
11) bis(2-Chloroethyl)ether	7.53	93	233219	41.218	ng	98
12) 1,3-Dichlorobenzene	8.01	146	257504	38.995	ng	99
13) 1,4-Dichlorobenzene	8.15	146	263035	39.786	ng	98
14) 1,2-Dichlorobenzene	8.48	146	245427	38.999	ng	97
15) Benzyl Alcohol	8.35	79	259130	42.002	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.65	45	469741	37.805	ng	99
17) 2-Methylphenol	8.55	107	215961	43.784	ng	98
18) Hexachloroethane	9.21	117	95880	39.282	ng	95
19) n-Nitroso-di-n-propylamine	8.92	70	208288	39.320	ng	94
20) 3+4-Methylphenols	8.88	107	297808	43.801	ng	97
22) Acetophenone	8.94	105	363100	41.709	ng	99
24) Nitrobenzene	9.32	77	308796	44.434	ng	98
25) Isophorone	9.85	82	561250	40.668	ng	98
26) 2-Nitrophenol	10.03	139	135723	49.665	ng	96
27) 2,4-Dimethylphenol	10.09	122	240986	49.852	ng	98
28) bis(2-Chloroethoxy)methane	10.32	93	315314	40.970	ng	98
29) 2,4-Dichlorophenol	10.56	162	249487	44.413	ng	97
30) 1,2,4-Trichlorobenzene	10.79	180	275951	40.235	ng	95
31) Naphthalene	10.98	128	716079	42.075	ng	99
32) Benzoic acid	10.21	122	174186	44.979	ng	97
33) 4-Chloroaniline	11.07	127	184275	23.166	ng	99
34) Hexachlorobutadiene	11.27	225	183638	38.216	ng	99
35) Caprolactam	11.84	113	90886m	43.508	ng	
36) 4-Chloro-3-methylphenol	12.19	107	280264	45.950	ng	95
37) 2-Methylnaphthalene	12.57	142	541049	42.439	ng	98
38) 1-Methylnaphthalene	12.79	142	507058	42.406	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.94	216	324920	42.325	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.93	237	420455	95.605	ng		99
43) 2,4,6-Trichlorophenol	13.17	196	228090	44.628	ng		97
44) 2,4,5-Trichlorophenol	13.24	196	249532	47.666	ng		95
46) 1,1'-Biphenyl	13.57	154	717174	44.097	ng		99
47) 2-Chloronaphthalene	13.61	162	560658	41.673	ng		99
48) 2-Nitroaniline	13.81	65	206280	44.199	ng		93
49) Acenaphthylene	14.46	152	893989	43.483	ng		98
50) Dimethylphthalate	14.19	163	766198	44.026	ng		99
51) 2,6-Dinitrotoluene	14.30	165	160740	45.012	ng		96
52) Acenaphthene	14.80	154	619263	46.105	ng		99
53) 3-Nitroaniline	14.62	138	137867	34.399	ng	#	95
54) 2,4-Dinitrophenol	14.83	184	160266	91.166	ng	#	73
55) Dibenzofuran	15.13	168	858031	42.978	ng		98
56) 4-Nitrophenol	14.92	139	286244	92.372	ng		98
57) 2,4-Dinitrotoluene	15.08	165	222507	46.746	ng	#	98
58) Fluorene	15.78	166	714416	43.178	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.35	232	242648	47.815	ng	#	98
60) Diethylphthalate	15.55	149	707070	40.025	ng		99
61) 4-Chlorophenyl-phenylether	15.78	204	404915	41.390	ng		98
62) 4-Nitroaniline	15.79	138	186208	43.103	ng		99
63) Azobenzene	16.06	77	724345	42.580	ng		98
65) 4,6-Dinitro-2-methylphenol	15.85	198	121922	53.195	ng		94
66) n-Nitrosodiphenylamine	15.98	169	638395	44.290	ng		98
67) 4-Bromophenyl-phenylether	16.67	248	271822	41.926	ng		99
68) Hexachlorobenzene	16.79	284	278959	40.267	ng		98
69) Atrazine	16.93	200	251641	50.133	ng		98
70) Pentachlorophenol	17.13	266	392494	95.504	ng		94
71) Phenanthrene	17.52	178	1118829	43.675	ng		100
72) Anthracene	17.61	178	1146101	44.782	ng		100
73) Carbazole	17.87	167	1052528	43.270	ng		97
74) Di-n-butylphthalate	18.44	149	1222903	41.968	ng		99
75) Fluoranthene	19.52	202	1442814	43.458	ng		99
77) Benzidine	19.69	184	770274	53.189	ng		99
78) Pyrene	19.89	202	1447962	44.619	ng		99
80) Butylbenzylphthalate	20.78	149	566758	43.154	ng		99
81) Benzo(a)anthracene	21.73	228	1401247	42.518	ng		99
82) 3,3'-Dichlorobenzidine	21.64	252	377430	29.469	ng		97
83) Chrysene	21.80	228	1345679	43.106	ng		99
84) Bis(2-ethylhexyl)phthalate	21.66	149	786301	43.817	ng		98
85) Di-n-octyl phthalate	22.89	149	1344367	43.945	ng		100
86) Indeno(1,2,3-cd)pyrene	28.76	276	1678615	43.421	ng	#	93
88) Benzo(b)fluoranthene	23.99	252	1473242	43.048	ng		99
89) Benzo(k)fluoranthene	24.06	252	1399462	43.290	ng		98
90) Benzo(a)pyrene	24.88	252	1434925	44.778	ng		99
91) Dibenzo(a,h)anthracene	28.84	278	1394779	44.253	ng		100
92) Benzo(g,h,i)perylene	29.94	276	1373853	44.689	ng		97

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

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