Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082319\
Data File : BG042449.D
Acq On : 24 Aug 2019 1:14
Operator : HP/JU
Sample : K4090-16MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OR-03-082219MSD

Manual Integrations APPROVED
Jagrut
8/26/2019 2:02:03 PM

Quant Time: Aug 24 02:38:24 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 22 14:29:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	74310	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	282666	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	201443	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	438960	20.00	ng	0.00
76) Chrysene-d12	21.70	240	422253	20.00	ng	0.00
87) Perylene-d12	24.94	264	500647	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	467509	127.42	ng	0.00
7) Phenol-d6	7.17	99	589744	118.99	ng	0.00
23) Nitrobenzene-d5	9.17	82	411004	100.48	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	328518	114.74	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	1097383	92.13	ng	0.00
79) Terphenyl-d14	20.03	244	1748978	89.55	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.43	88	56080	36.625	ng	# 61
3) Pyridine	3.84	79	117258	29.865	ng	97
4) n-Nitrosodimethylamine	3.75	42	56535	40.315	ng	90
6) Aniline	7.32	93	134524	20.350	ng	98
8) 2-Chlorophenol	7.57	128	193704	43.561	ng	96
9) Benzaldehyde	7.13	77	68634	27.661	ng	97
10) Phenol	7.20	94	201539	39.995	ng	97
11) bis(2-Chloroethyl)ether	7.42	93	179870	45.450	ng	97
12) 1,3-Dichlorobenzene	7.89	146	227091	40.145	ng	98
13) 1,4-Dichlorobenzene	8.04	146	229237	40.007	ng	99
14) 1,2-Dichlorobenzene	8.36	146	216651	39.483	ng	99
15) Benzyl Alcohol	8.25	79	149357	41.888	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.53	45	242401	45.191	ng	98
17) 2-Methylphenol	8.46	107	156536	42.175	ng	95
18) Hexachloroethane	9.10	117	74910	38.189	ng	96
19) n-Nitroso-di-n-propylamine	8.82	70	136618	42.549	ng	96
20) 3+4-Methylphenols	8.79	107	213523	41.575	ng	98
22) Acetophenone	8.83	105	285053	47.149	ng	99
24) Nitrobenzene	9.22	77	198588	47.943	ng	98
25) Isophorone	9.74	82	377451	46.757	ng	97
26) 2-Nitrophenol	9.93	139	111454	42.937	ng	97
27) 2,4-Dimethylphenol	10.00	122	184322	51.549	ng	100
28) bis(2-Chloroethoxy)methane	10.22	93	240492	47.267	ng	99
29) 2,4-Dichlorophenol	10.48	162	213263	45.586	ng	98
30) 1,2,4-Trichlorobenzene	10.69	180	239661	41.737	ng	97
31) Naphthalene	10.88	128	605360	46.128	ng	99
32) Benzoic acid	10.13	122	7133m	10.450	ng	
33) 4-Chloroaniline	10.99	127	51281	8.465	ng	99
34) Hexachlorobutadiene	11.17	225	151016	39.132	ng	98
35) Caprolactam	11.76	113	52681m	33.748	ng	
36) 4-Chloro-3-methylphenol	12.12	107	202879	45.683	ng	98
37) 2-Methylnaphthalene	12.49	142	474853	45.063	ng	99
38) 1-Methylnaphthalene	12.71	142	447698	44.728	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.86	216	285068	44.066	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	152507	44.880	ng		100
43) 2,4,6-Trichlorophenol	13.10	196	184444	42.181	ng		99
44) 2,4,5-Trichlorophenol	13.18	196	201883	44.553	ng		96
46) 1,1'-Biphenyl	13.49	154	603628	46.356	ng		99
47) 2-Chloronaphthalene	13.54	162	494592	44.050	ng		97
48) 2-Nitroaniline	13.74	65	132317	48.870	ng		96
49) Acenaphthylene	14.39	152	788630	46.687	ng		98
50) Dimethylphthalate	14.12	163	645535	44.413	ng		100
51) 2,6-Dinitrotoluene	14.23	165	147468	43.771	ng		97
52) Acenaphthene	14.73	154	459463	44.795	ng		99
53) 3-Nitroaniline	14.57	138	97268	28.868	ng		98
54) 2,4-Dinitrophenol	14.79	184	35958	20.855	ng		99
55) Dibenzofuran	15.06	168	765274	45.073	ng		97
56) 4-Nitrophenol	14.89	139	226618	94.653	ng		99
57) 2,4-Dinitrotoluene	15.03	165	206214	42.744	ng		91
58) Fluorene	15.71	166	612948	44.164	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.30	232	194205	43.339	ng	#	89
60) Diethylphthalate	15.48	149	612055	43.076	ng		99
61) 4-Chlorophenyl-phenylether	15.70	204	347949	41.589	ng		99
62) 4-Nitroaniline	15.73	138	150304	41.681	ng		97
63) Azobenzene	16.00	77	482517	49.560	ng		96
65) 4,6-Dinitro-2-methylphenol	15.80	198	40784	14.819	ng		90
66) n-Nitrosodiphenylamine	15.92	169	565987	46.885	ng		98
67) 4-Bromophenyl-phenylether	16.60	248	237242	42.609	ng		97
68) Hexachlorobenzene	16.72	284	246498	40.725	ng	#	93
69) Atrazine	16.87	200	211920	49.642	ng		99
70) Pentachlorophenol	17.07	266	208096	66.169	ng		97
71) Phenanthrene	17.46	178	993957	45.586	ng		97
72) Anthracene	17.55	178	1021686	46.938	ng		98
73) Carbazole	17.82	167	926586	47.763	ng		98
74) Di-n-butylphthalate	18.38	149	1057307	46.106	ng		99
75) Fluoranthene	19.47	202	1206675	45.347	ng		98
77) Benzidine	19.64	184	396267	32.733	ng		98
78) Pyrene	19.83	202	1214709	46.921	ng		98
80) Butylbenzylphthalate	20.71	149	488431	47.968	ng		98
81) Benzo(a)anthracene	21.67	228	1173795	45.697	ng		98
82) 3,3'-Dichlorobenzidine	21.58	252	315148	30.506	ng		98
83) Chrysene	21.74	228	1138971	45.978	ng		96
84) Bis(2-ethylhexyl)phthalate	21.58	149	686364	48.549	ng		98
85) Di-n-octyl phthalate	22.79	149	1183826	48.686	ng		98
86) Indeno(1,2,3-cd)pyrene	28.65	276	1433958	42.595	ng		100
88) Benzo(b)fluoranthene	23.91	252	1250178	45.422	ng	#	98
89) Benzo(k)fluoranthene	23.98	252	1265640	47.839	ng		98
90) Benzo(a)pyrene	24.79	252	1252386	47.952	ng	#	98
91) Dibenzo(a,h)anthracene	28.71	278	1201646	45.441	ng		98
92) Benzo(g,h,i)perylene	29.82	276	1138999	43.065	ng	#	97

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

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