Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG103019\
Data File : BG043413.D
Acq On : 30 Oct 2019 23:08
Operator : JU
Sample : K5599-01MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : Z3-20AMSD

Manual Integrations APPROVED
mohammad
10/31/2019 2:52:09 PM

Quant Time: Oct 31 06:37:02 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 21 16:37:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	45826	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	181765	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	130051	20.00	ng	0.00
64) Phenanthrene-d10	17.39	188	300291	20.00	ng	0.00
76) Chrysene-d12	21.66	240	337752	20.00	ng	0.00
87) Perylene-d12	24.86	264	398523	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	281274	112.47	ng	0.00
7) Phenol-d6	7.21	99	399349	110.99	ng	0.00
23) Nitrobenzene-d5	9.19	82	234661	66.56	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	244275	98.70	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	634339	67.40	ng	0.00
79) Terphenyl-d14	20.00	244	1224741	68.03	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.48	88	30870	31.676	ng	# 91
3) Pyridine	3.88	79	79351	32.278	ng	99
4) n-Nitrosodimethylamine	3.80	42	47257	38.095	ng	# 94
6) Aniline	7.35	93	82808	19.979	ng	97
8) 2-Chlorophenol	7.59	128	111299	40.317	ng	98
9) Benzaldehyde	7.16	77	57230	32.365	ng	81
10) Phenol	7.24	94	142956	43.479	ng	98
11) bis(2-Chloroethyl)ether	7.44	93	90716	35.687	ng	91
12) 1,3-Dichlorobenzene	7.91	146	119434	34.530	ng	95
13) 1,4-Dichlorobenzene	8.06	146	121784	34.801	ng	98
14) 1,2-Dichlorobenzene	8.38	146	114923	33.634	ng	99
15) Benzyl Alcohol	8.26	79	97520	38.592	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.55	45	122192	33.058	ng	96
17) 2-Methylphenol	8.48	107	92943	38.777	ng	97
18) Hexachloroethane	9.10	117	43678	34.595	ng	97
19) n-Nitroso-di-n-propylamine	8.82	70	79861	34.349	ng	96
20) 3+4-Methylphenols	8.81	107	124212	37.792	ng	88
22) Acetophenone	8.85	105	154699	33.234	ng	99
24) Nitrobenzene	9.23	77	122150	36.369	ng	98
25) Isophorone	9.74	82	223835	34.725	ng	95
26) 2-Nitrophenol	9.94	139	60745	37.463	ng	98
27) 2,4-Dimethylphenol	10.01	122	101153	43.525	ng	99
28) bis(2-Chloroethoxy)methane	10.23	93	124390	34.964	ng	96
29) 2,4-Dichlorophenol	10.48	162	117671	39.517	ng	96
30) 1,2,4-Trichlorobenzene	10.69	180	132122	35.204	ng	98
31) Naphthalene	10.88	128	338378	36.675	ng	98
32) Benzoic acid	10.18	122	55374	34.371	ng	94
33) 4-Chloroaniline	11.00	127	32707	8.648	ng	95
34) Hexachlorobutadiene	11.17	225	93505	33.704	ng	91
35) Caprolactam	11.76	113	36829m	35.912	ng	
36) 4-Chloro-3-methylphenol	12.12	107	123134	37.910	ng	99
37) 2-Methylnaphthalene	12.48	142	259174	36.611	ng	98
38) 1-Methylnaphthalene	12.69	142	246217	36.554	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	170377	35.399	ng	97

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	192664	76.203	ng		99
43) 2,4,6-Trichlorophenol	13.09	196	107082	37.779	ng		97
44) 2,4,5-Trichlorophenol	13.18	196	114065	39.806	ng		99
46) 1,1'-Biphenyl	13.48	154	347712	35.145	ng		99
47) 2-Chloronaphthalene	13.53	162	267079	35.479	ng		99
48) 2-Nitroaniline	13.73	65	78138	34.730	ng		99
49) Acenaphthylene	14.37	152	443437	37.849	ng		97
50) Dimethylphthalate	14.10	163	413197	41.019	ng		99
51) 2,6-Dinitrotoluene	14.22	165	79390	36.277	ng		98
52) Acenaphthene	14.72	154	263847	36.929	ng		99
53) 3-Nitroaniline	14.56	138	32991	15.614	ng		93
54) 2,4-Dinitrophenol	14.76	184	84048	63.187	ng		96
55) Dibenzofuran	15.05	168	422206	36.440	ng		97
56) 4-Nitrophenol	14.89	139	112167	79.220	ng		98
57) 2,4-Dinitrotoluene	15.01	165	112001	35.812	ng	#	98
58) Fluorene	15.70	166	352123	36.235	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.28	232	115335	37.883	ng	#	99
60) Diethylphthalate	15.46	149	352281	34.805	ng		99
61) 4-Chlorophenyl-phenylether	15.68	204	202769	35.768	ng		97
62) 4-Nitroaniline	15.73	138	73292	33.588	ng		99
63) Azobenzene	15.98	77	292662	35.727	ng		97
65) 4,6-Dinitro-2-methylphenol	15.78	198	69563	39.363	ng		91
66) n-Nitrosodiphenylamine	15.90	169	314247	37.066	ng		99
67) 4-Bromophenyl-phenylether	16.58	248	146378	36.221	ng		98
68) Hexachlorobenzene	16.71	284	161007	34.708	ng		98
69) Atrazine	16.85	200	135781	46.091	ng		93
70) Pentachlorophenol	17.05	266	176990	83.733	ng		96
71) Phenanthrene	17.44	178	558397	36.313	ng		99
72) Anthracene	17.53	178	595938	38.735	ng		100
73) Carbazole	17.80	167	513189	36.834	ng		99
74) Di-n-butylphthalate	18.35	149	604238	35.743	ng		99
75) Fluoranthene	19.44	202	737339	36.780	ng		99
77) Benzidine	19.63	184	297333	43.742	ng		99
78) Pyrene	19.81	202	753052	36.020	ng		99
80) Butylbenzylphthalate	20.69	149	283326	35.771	ng		98
81) Benzo(a)anthracene	21.64	228	781681	36.947	ng		99
82) 3,3'-Dichlorobenzidine	21.56	252	164940	20.157	ng		99
83) Chrysene	21.71	228	771111	36.684	ng		99
84) Bis(2-ethylhexyl)phthalate	21.54	149	422842	37.581	ng		99
85) Di-n-octyl phthalate	22.74	149	723862	37.921	ng		100
86) Indeno(1,2,3-cd)pyrene	28.49	276	1013904	38.426	ng		99
88) Benzo(b)fluoranthene	23.85	252	827684	36.670	ng		98
89) Benzo(k)fluoranthene	23.91	252	844824	37.180	ng		99
90) Benzo(a)pyrene	24.71	252	777217	36.059	ng		99
91) Dibenzo(a,h)anthracene	28.56	278	856446	38.848	ng		100
92) Benzo(g,h,i)perylene	29.63	276	849616	39.069	ng		98

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

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